

**APOLLO 12**  
**70-mm PHOTOGRAPHIC CATALOG**

**CASE FILE**  
**COPY**

NATIONAL SPACE SCIENCE DATA CENTER  
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GREENBELT, MARYLAND 20771

JULY 1970



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## INTRODUCTION

This catalog contains proof prints of the 70-mm photography exposed during the Apollo 12 mission.\* The photography has been sorted by magazine and by frame number. For example, in AS12-50-7325, AS12 identifies the photography as being part of the Apollo 12 mission, 50 identifies the magazine number, and 7325 identifies the actual frame. This numbering scheme is being used throughout all Apollo missions. The 28 lunar surface panorama mosaics that are part of this photography are included in the last 13 pages of this catalog. A listing of the mosaics directly precedes the photography.

This document, as part of an integrated package prepared by the National Space Science Data Center (NSSDC), is designed to be used in conjunction with the section on 70-mm photography in "Apollo 12 Photography: 70-mm, 16-mm, and 35-mm Frame Index," which makes it possible to locate the area covered by each frame.

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\*The photography from the Lunar Multispectral Camera (LMC) Experiment is not included.

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Washington, D.C. 20546

Printed materials to satisfy general information requests are also available from this division. The section on Ordering Procedures in the Data Users' Note for Apollo 12 (NSSDC 70-09) provides more specific instructions on ordering Apollo photography.

The Data Center wishes to thank Mr. James H. Sasser, Chief, Mapping Sciences Laboratory, Manned Spacecraft Center, for providing the original layout pages from which this catalog has been prepared. The work in preparing these pages represents the combined efforts of Mr. Robert Musgrove, Mr. Gary Gutschewski, and Mr. Andrew Patteson, Mapping Sciences Laboratory, and the personnel of Lockheed Electronics Company/Mapping Sciences Department. The document preparation effort at NSSDC was under the direction of Mr. Arthur T. Anderson.

**MAGAZINE**

**Q**

**AS12-50-7325 thru AS12-59-7459**





AS12-50-7325



AS12-50-7326



AS12-50-7327



AS12-50-7328



AS12-50-7329



AS12-50-7330



AS12-50-7331



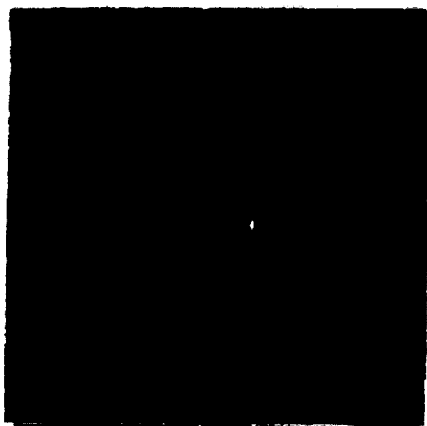
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AS12-50-7339



AS12-50-7340



AS12-50-7341



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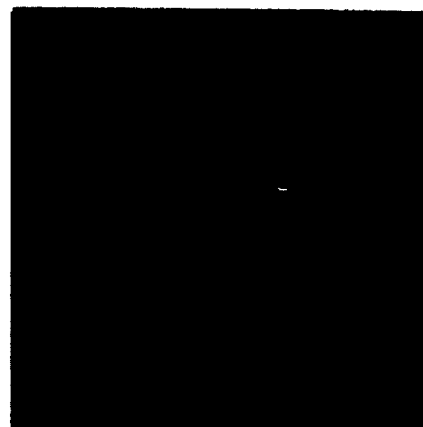
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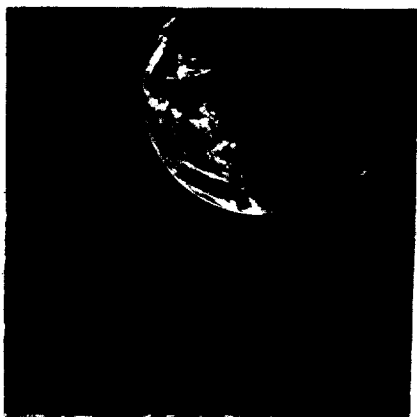
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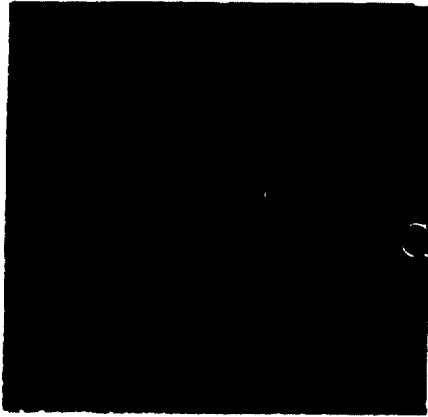


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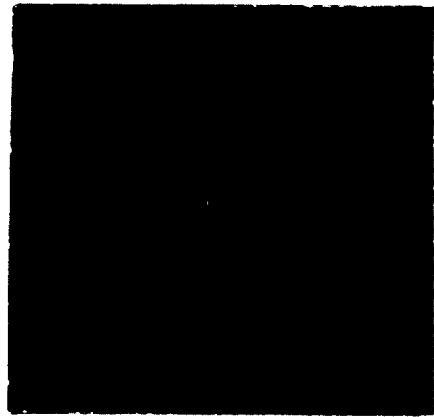


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AS12-50-7349



AS12-50-7350



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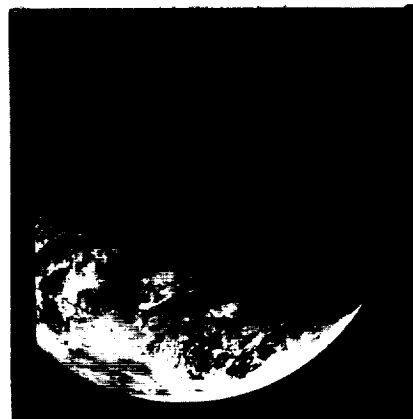
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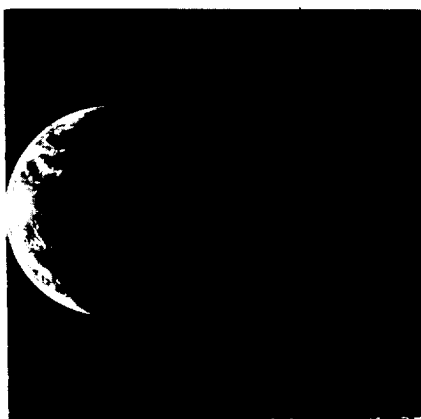
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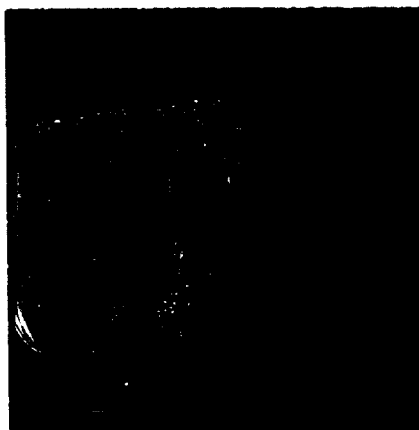
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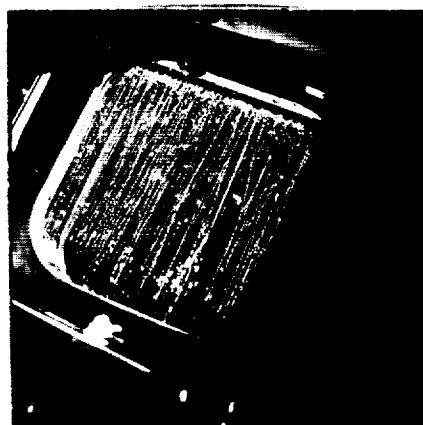
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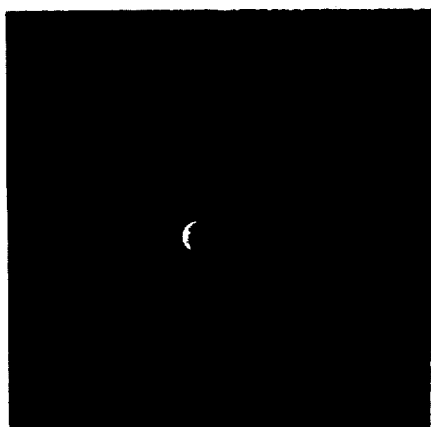
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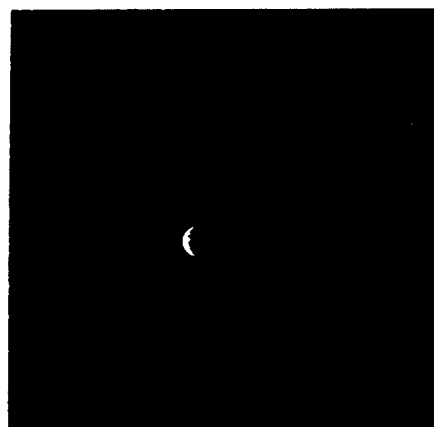
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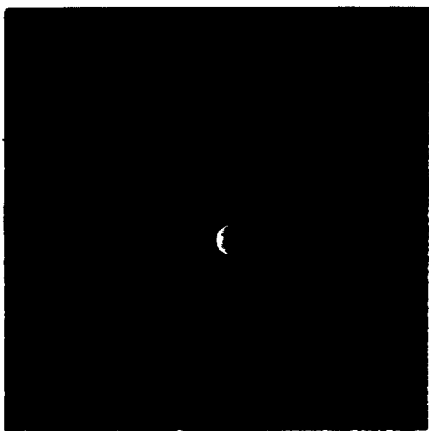
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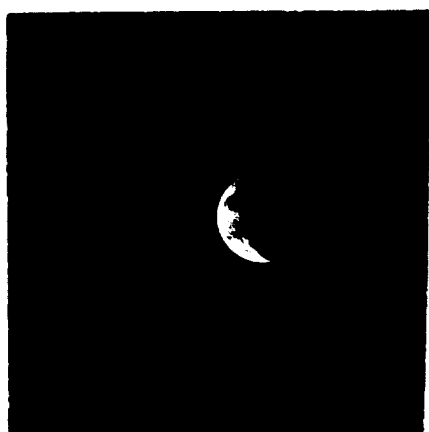
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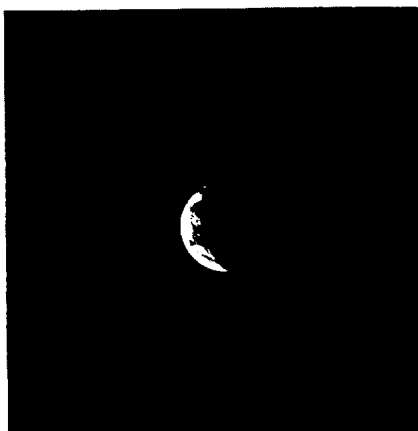
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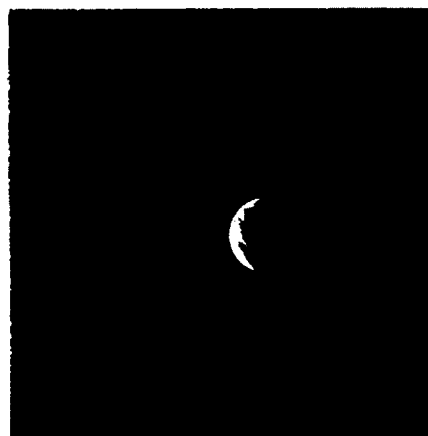
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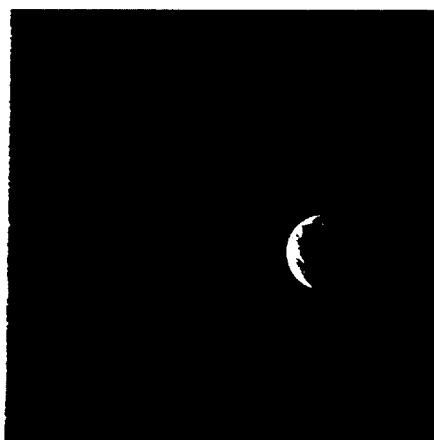
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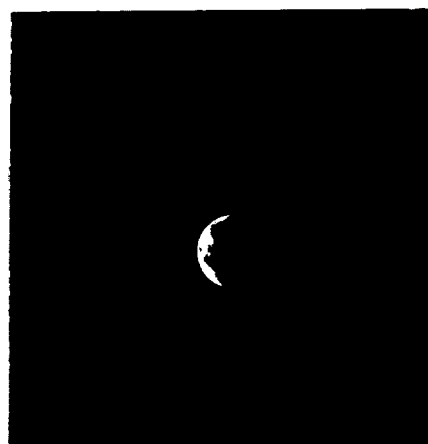
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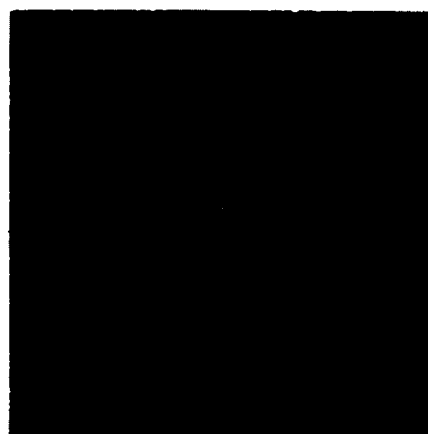
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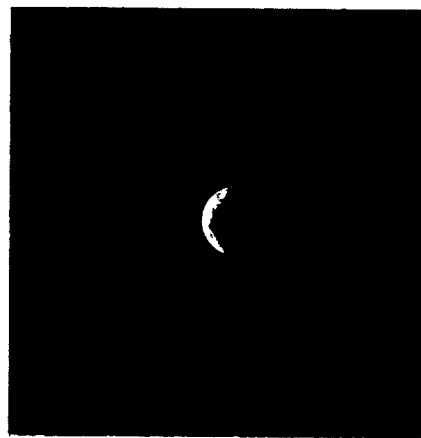
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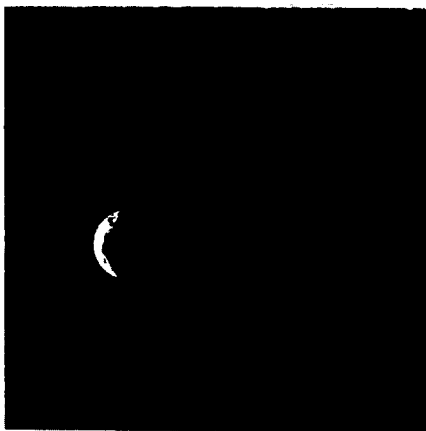
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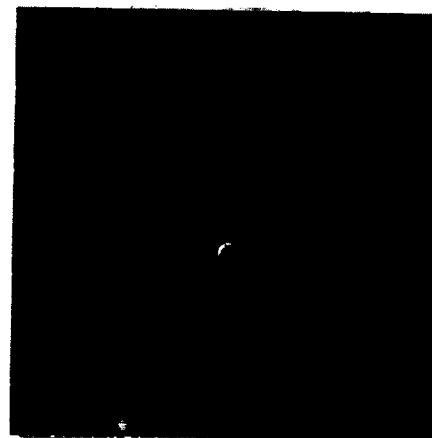
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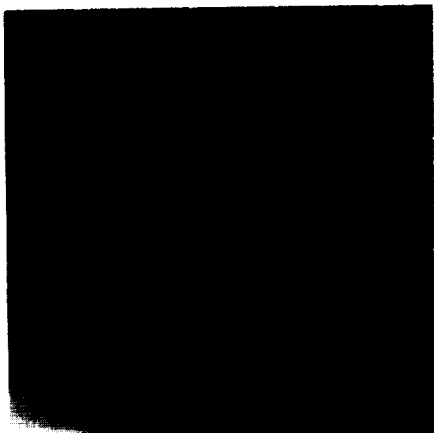


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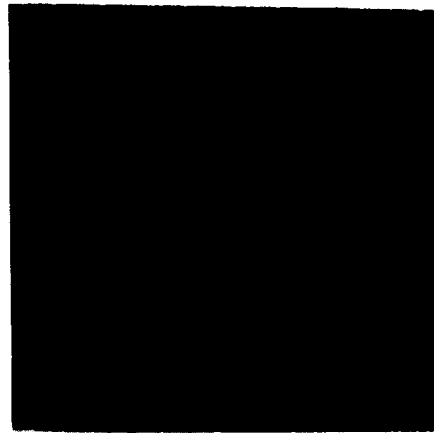


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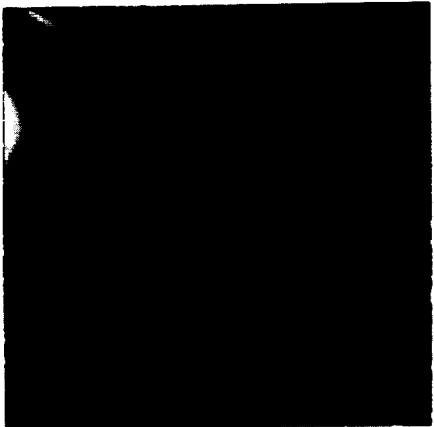




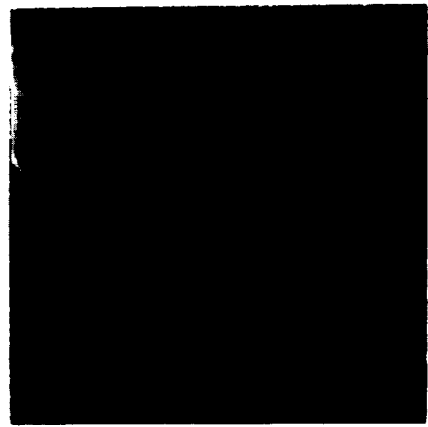
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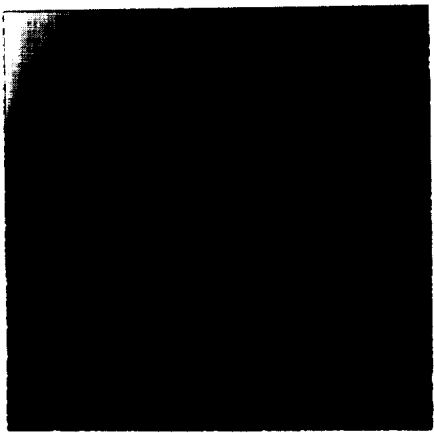
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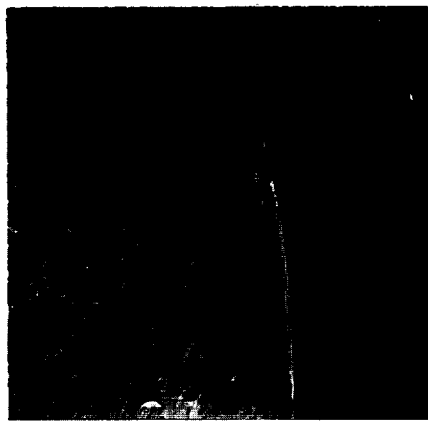
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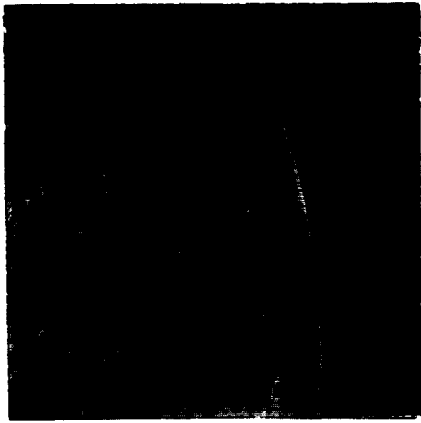
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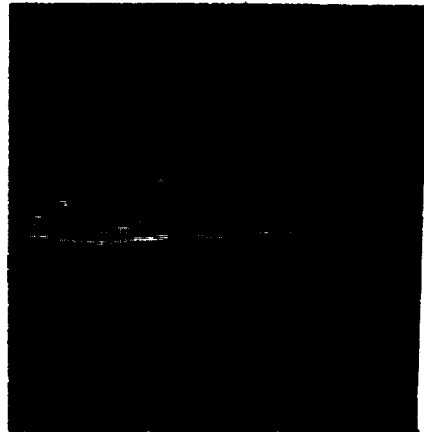
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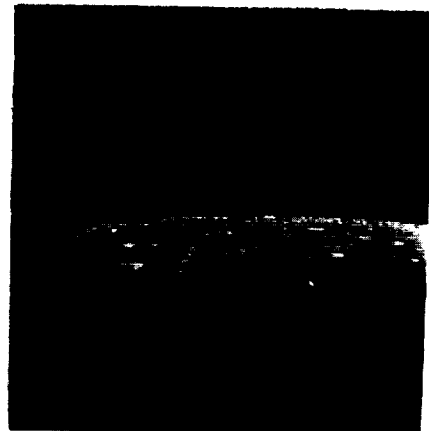
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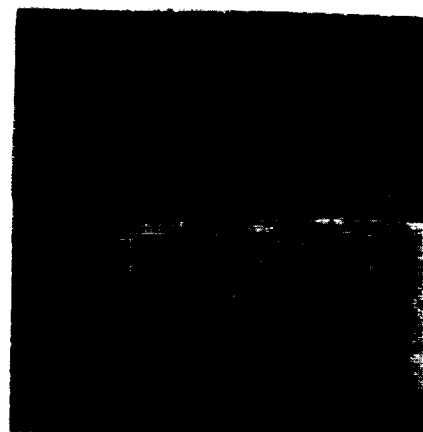
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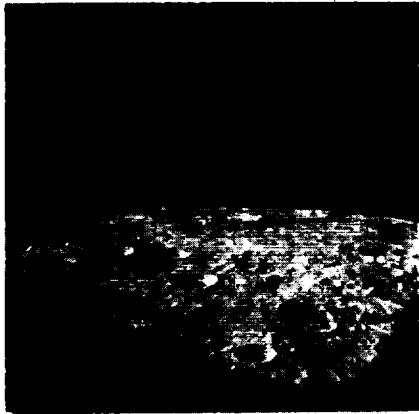
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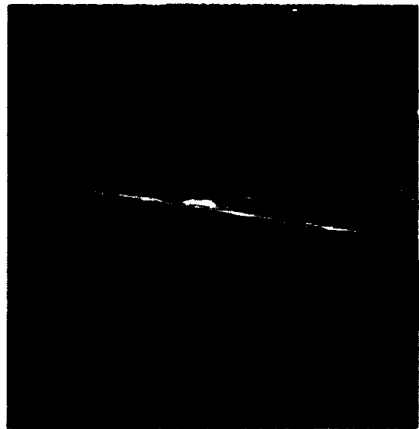
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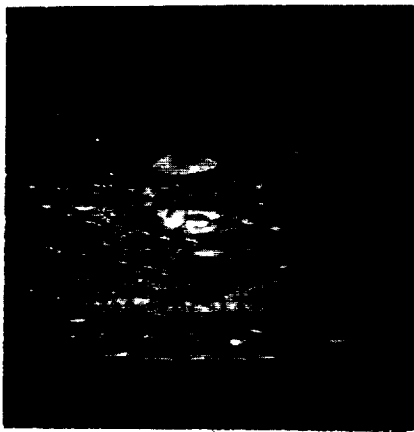
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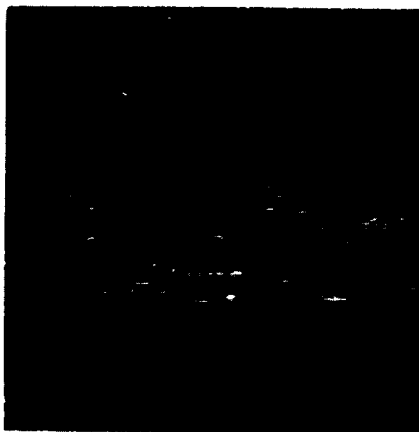
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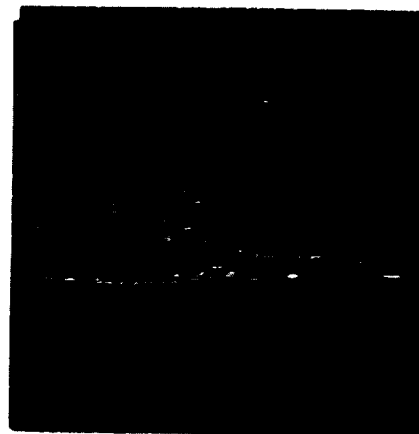
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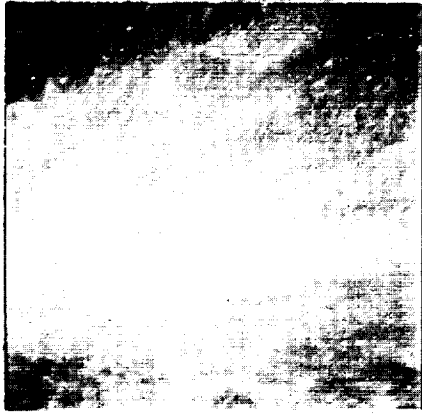
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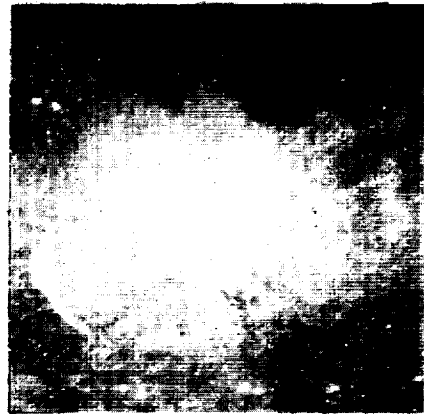
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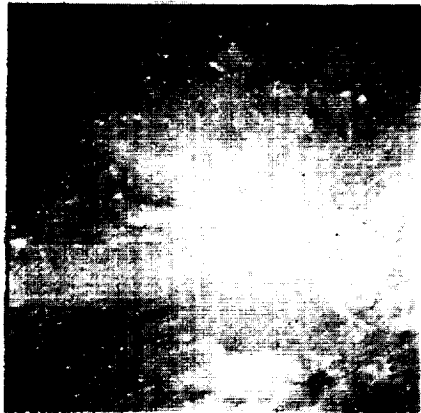
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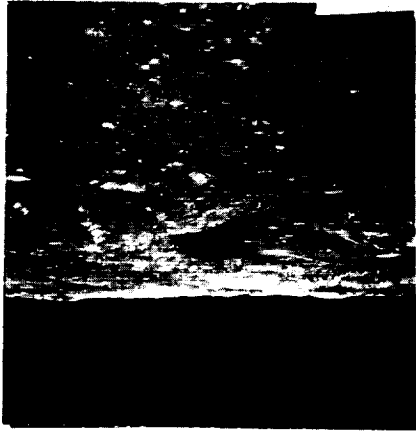


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AS12-50-7459





AS12-50-7421



AS12-50-7422



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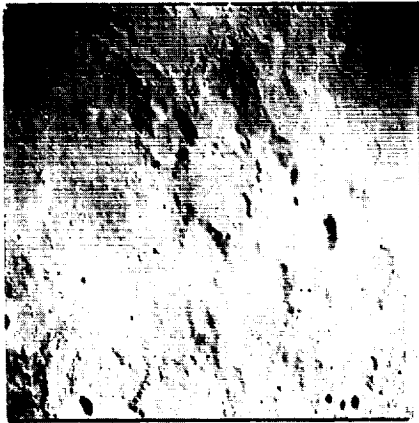
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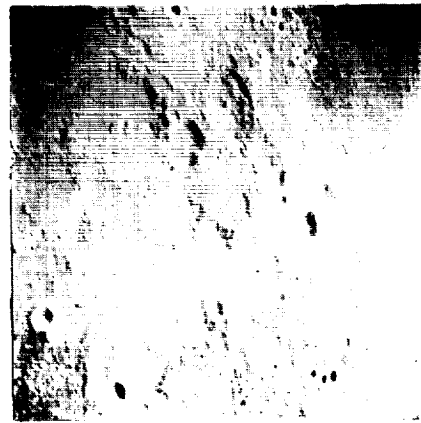
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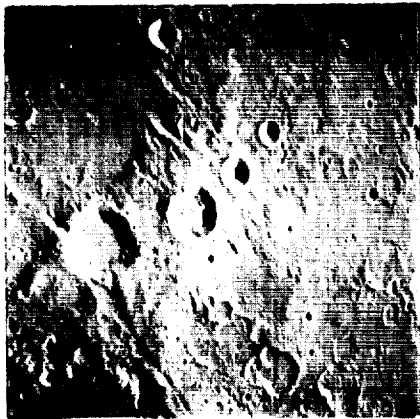
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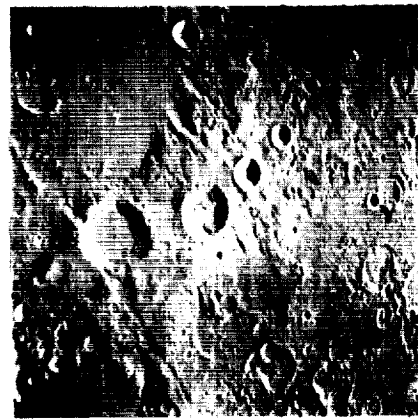
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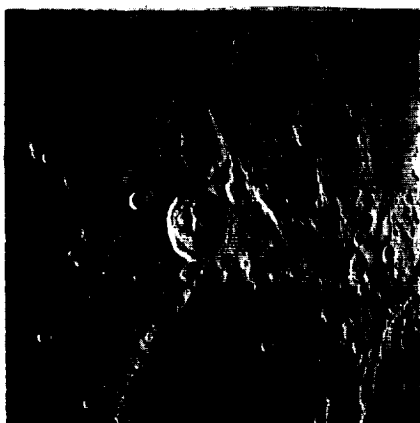
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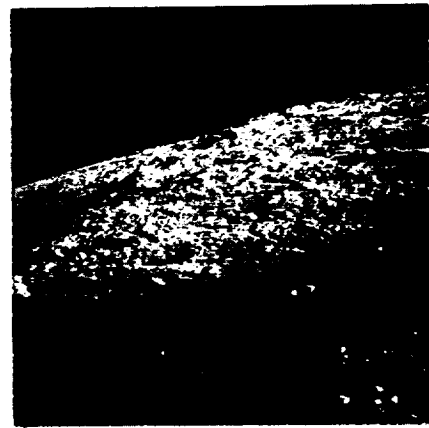


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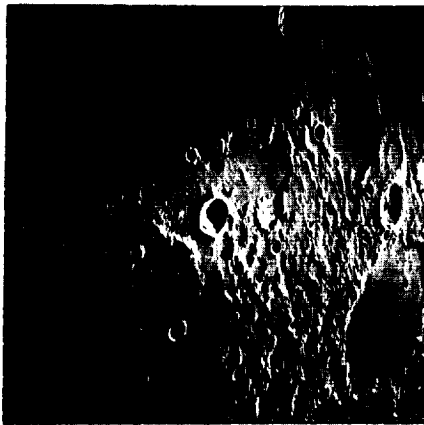




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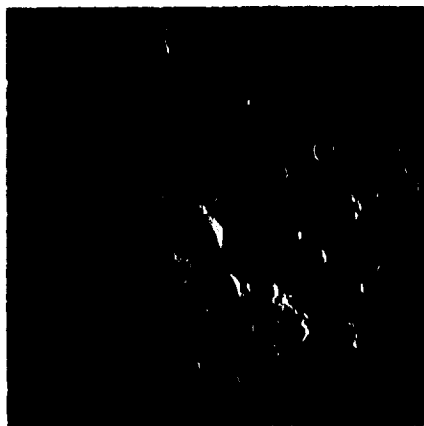
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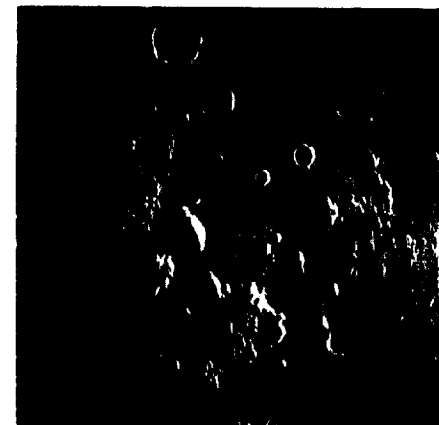
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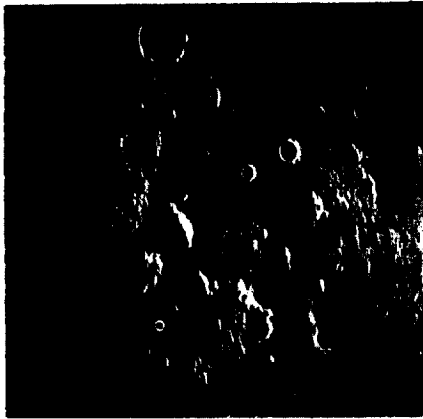
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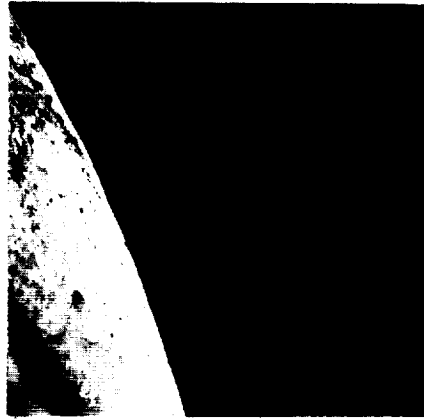
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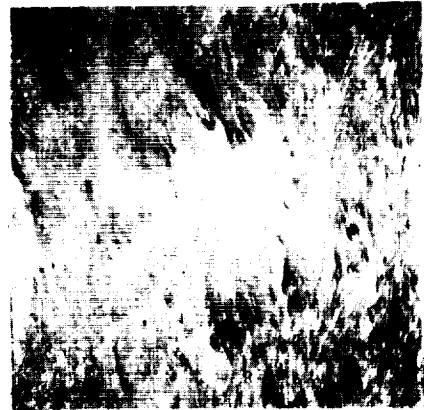
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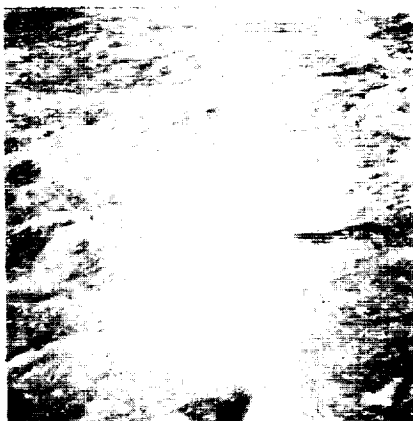
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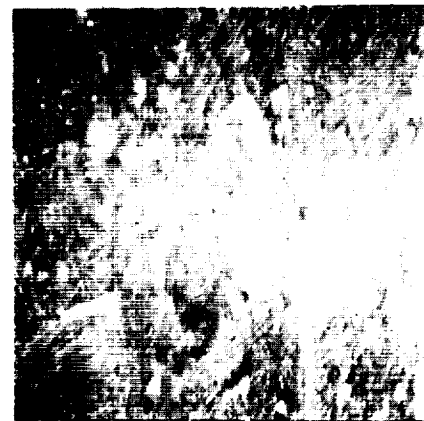
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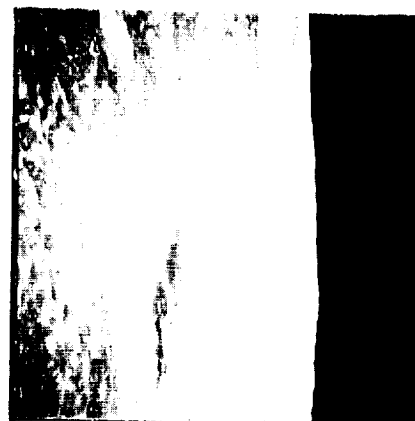
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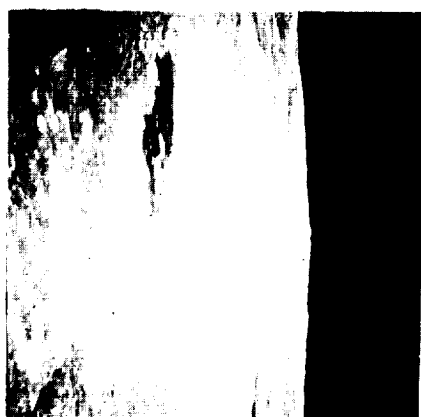
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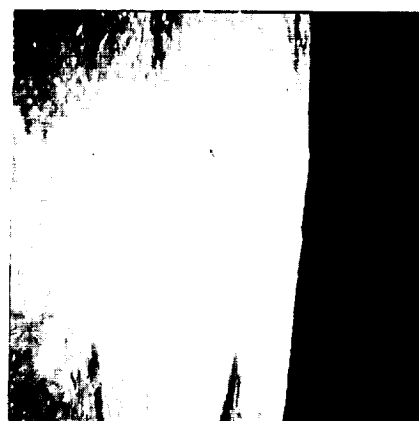
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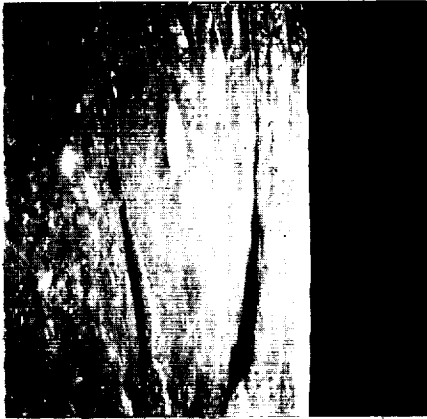
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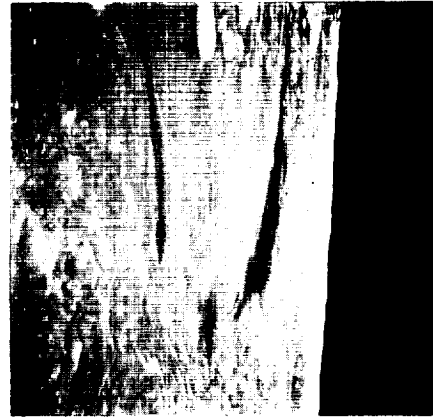
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AS12-50-7450



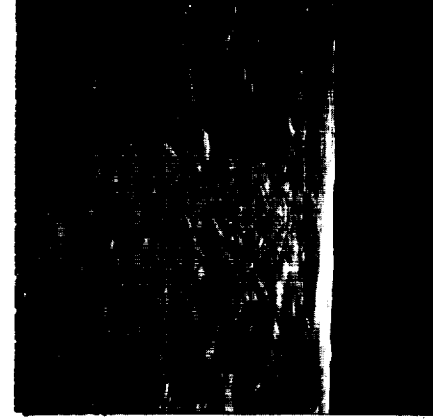
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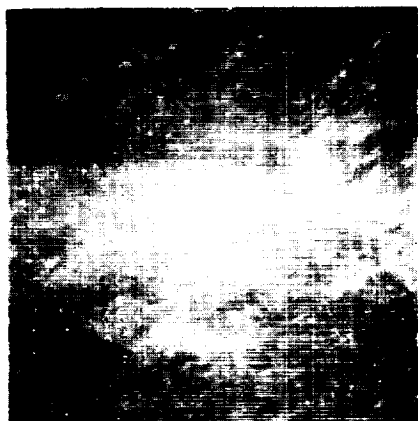
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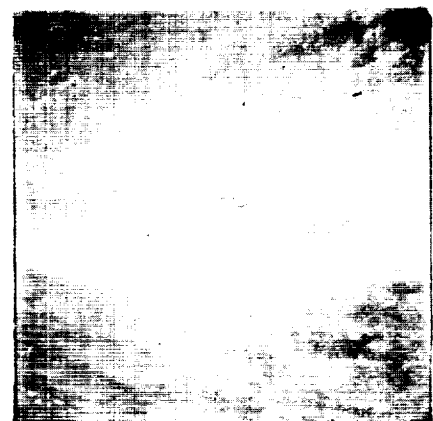
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AS12-50-7455



AS12-50-7456

MAGAZINE

**R**

AS12-51-7460 thru AS12-51-7587

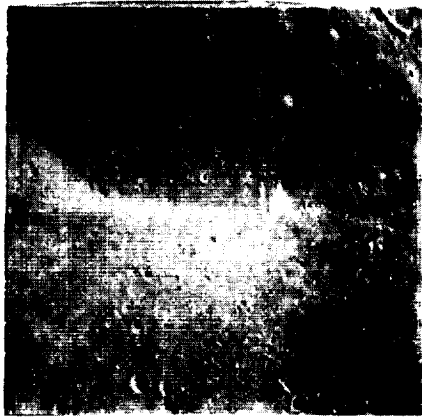




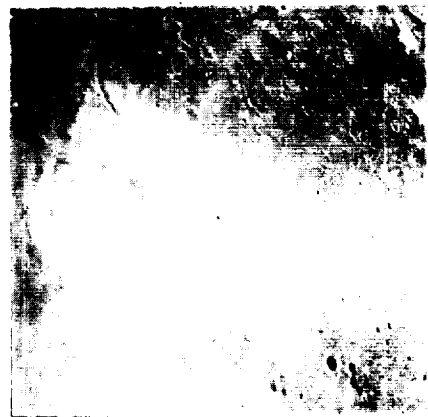
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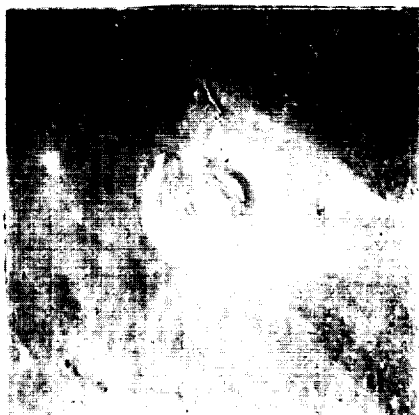
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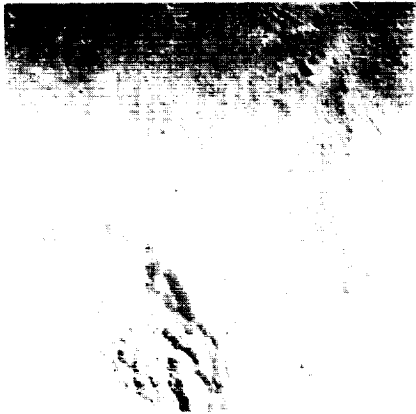
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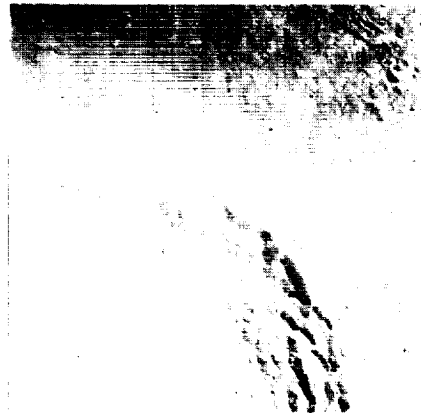
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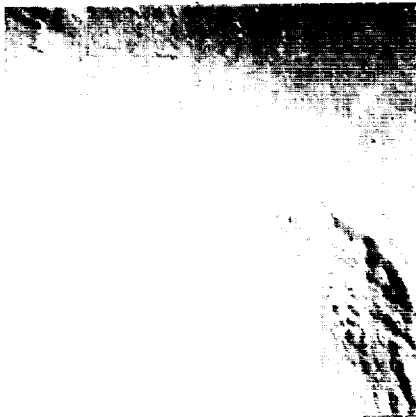
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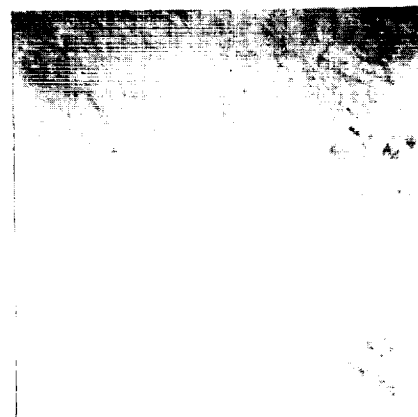
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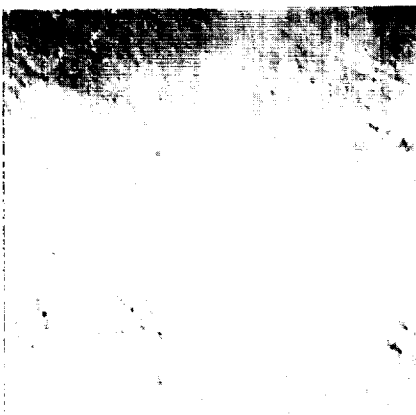
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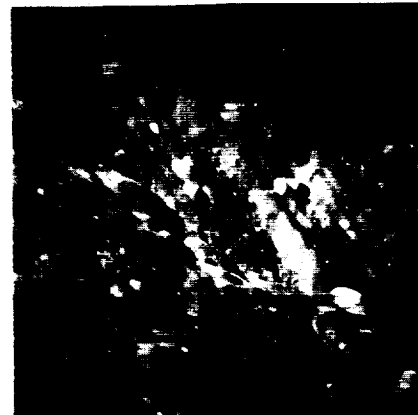
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AS12- 51-7469

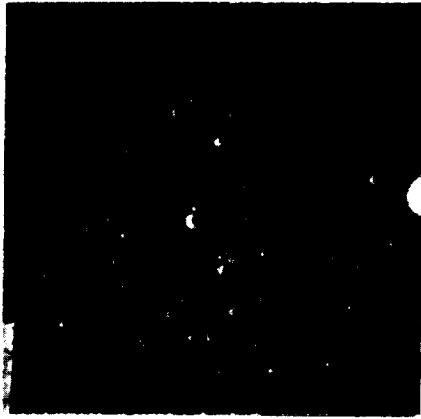


AS12- 51-7470



AS12- 51-7471

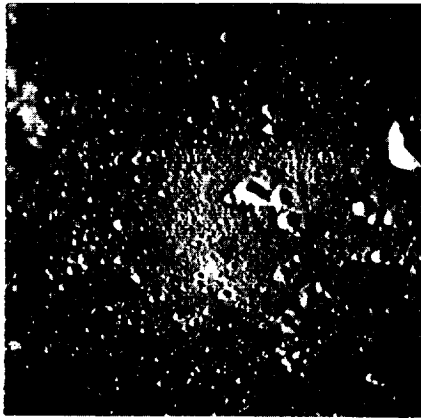




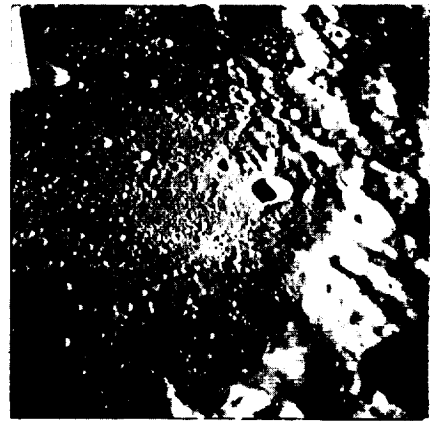
AS12-51-7472



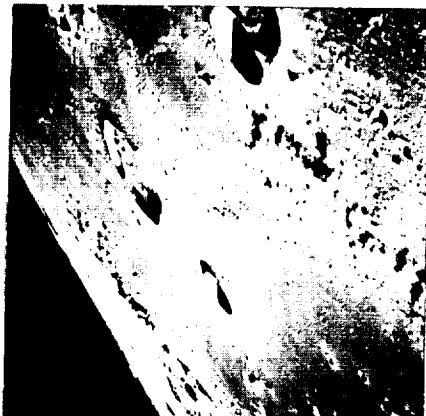
AS12-51-7473



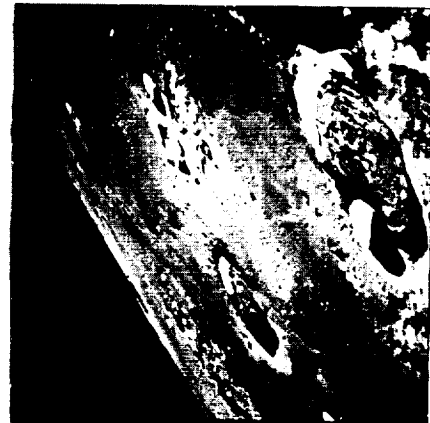
AS12-51-7474



AS12-51-7475



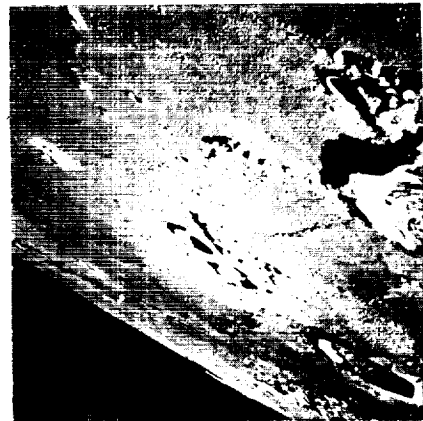
AS12-51-7476



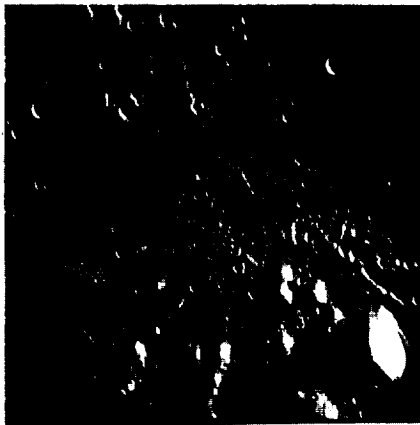
AS12-51-7477



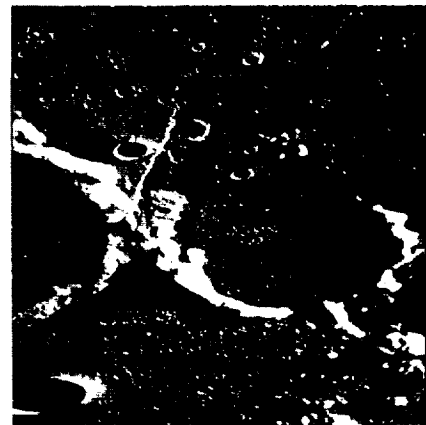
AS12-51-7478



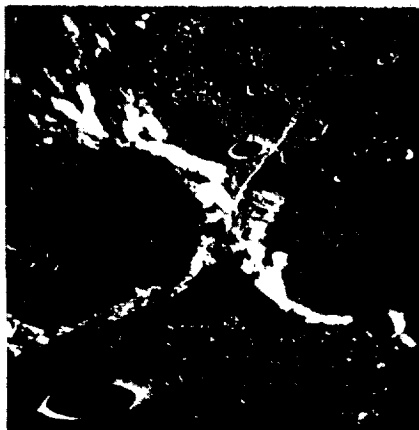
AS12-51-7479



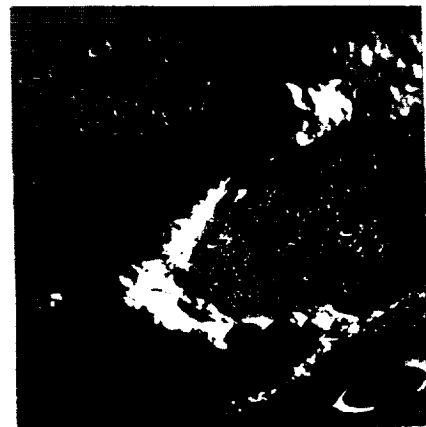
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AS12-51-7481



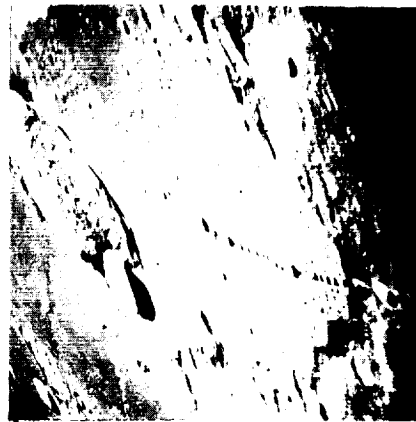
AS12-51-7482



AS12-51-7483



AS12- 51-7484



AS12- 51-7485



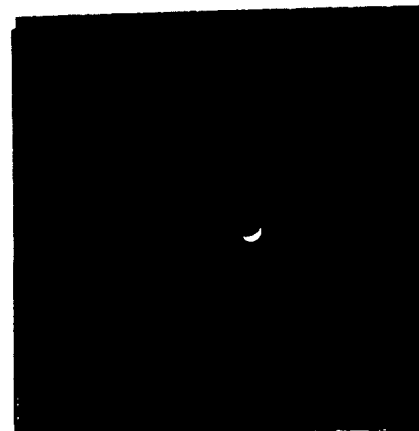
AS12- 51-7486



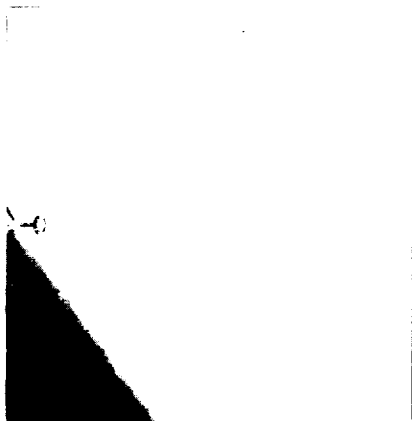
AS12- 51-7487



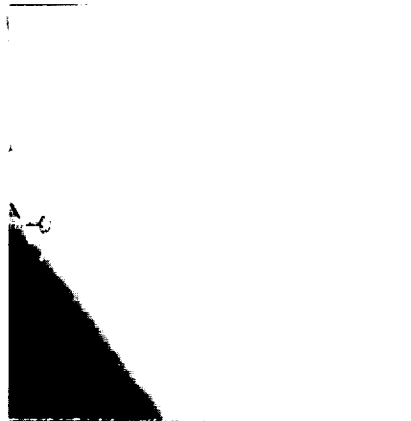
AS12- 51-7488



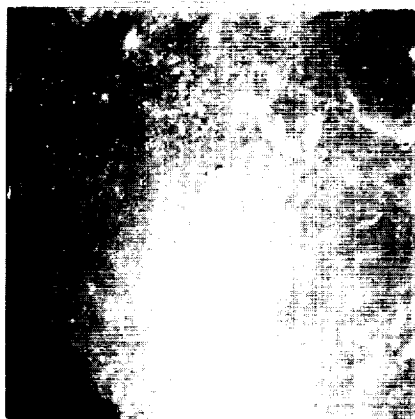
AS12- 51-7489



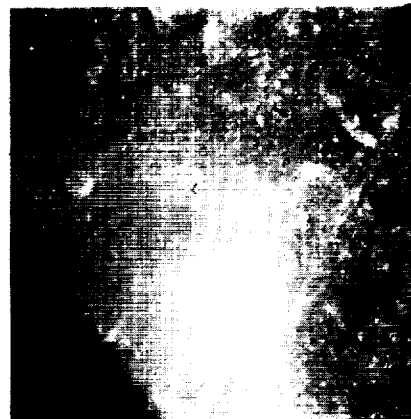
AS12-51-7490



AS12-51-7491



AS12-51-7492



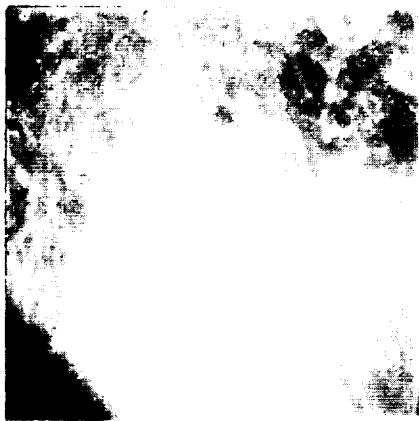
AS12-51-7493



AS12-51-7494



AS12-51-7495



AS12-51-7496



AS12-51-7497



AS12-51-7498



AS12-51-7499



AS12-51-7500



AS12-51-7501



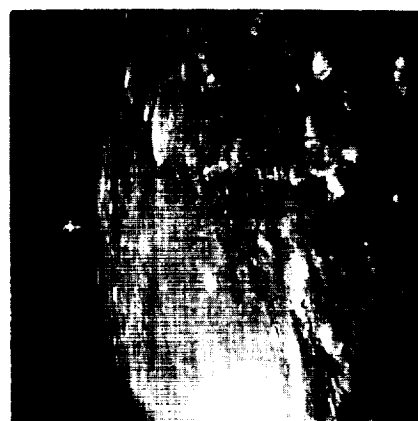
AS12- 51-7502



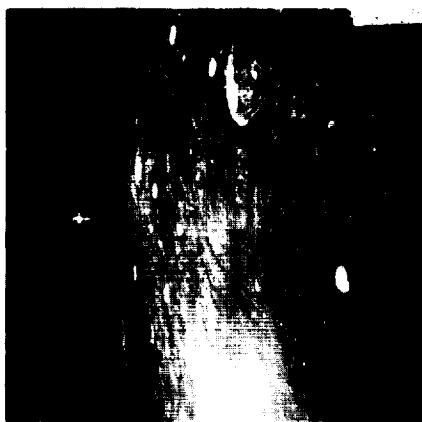
AS12- 51-7503



AS12- 51-7504



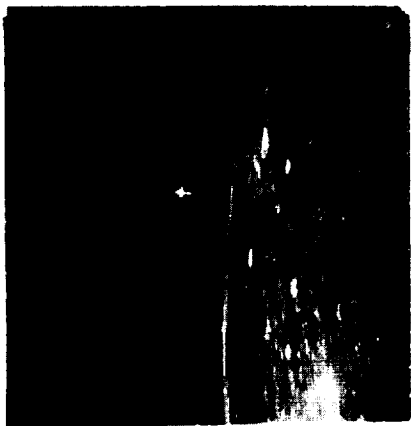
AS12- 51-7505



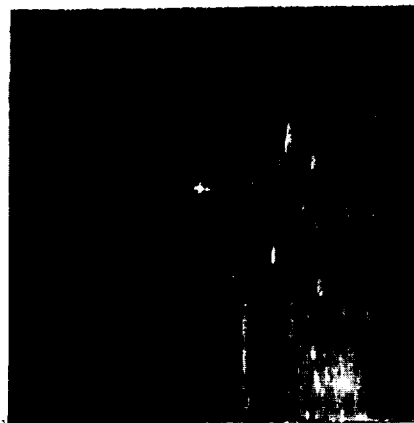
AS12- 51-7506



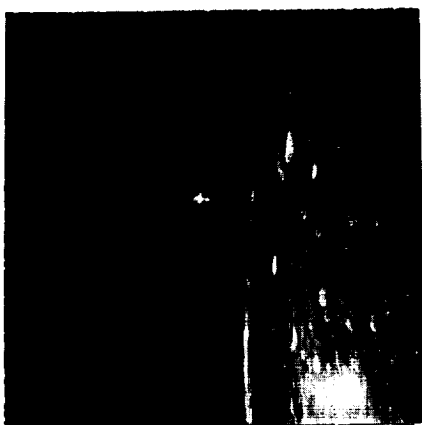
AS12- 51-7507



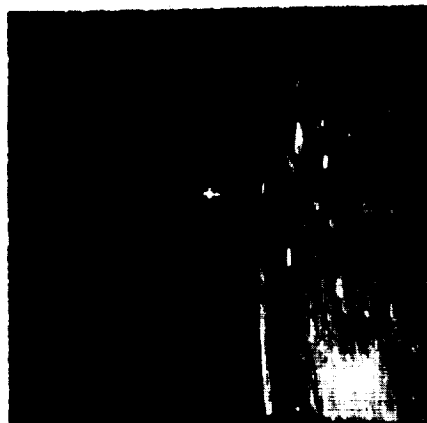
AS12- 51-7508



AS12- 51-7509



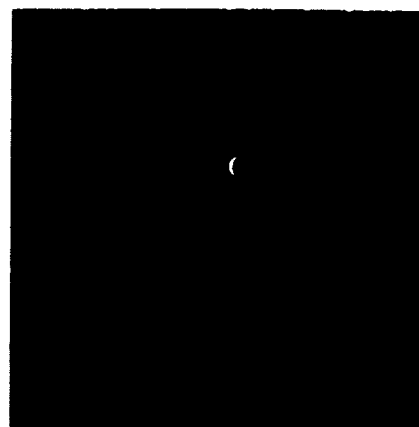
AS12-51-7510



AS12- 51-7511



AS12- 51-7512



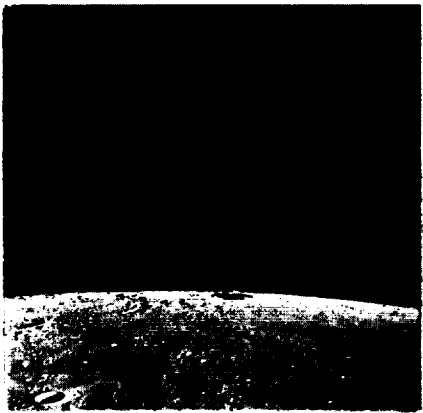
AS12- 51-7513



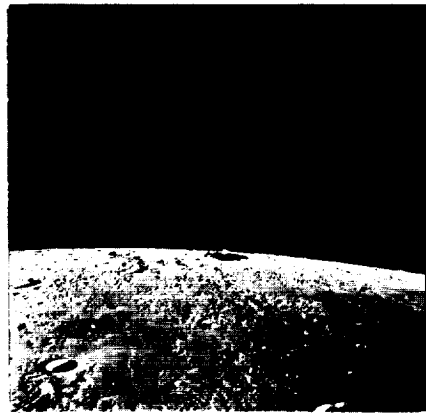
AS12- 51-7514



AS12- 51-7515



AS12-51-7516



AS12- 51-7517

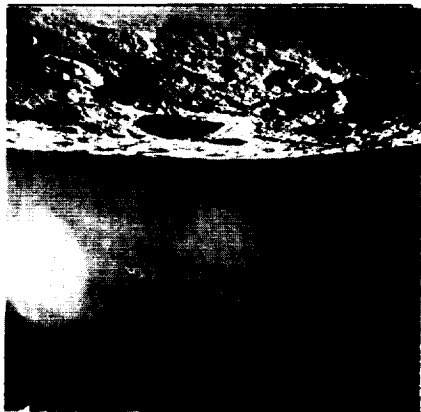


AS12- 51-7518



AS12- 51-7519

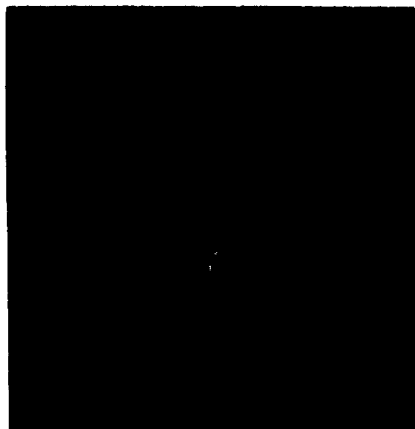




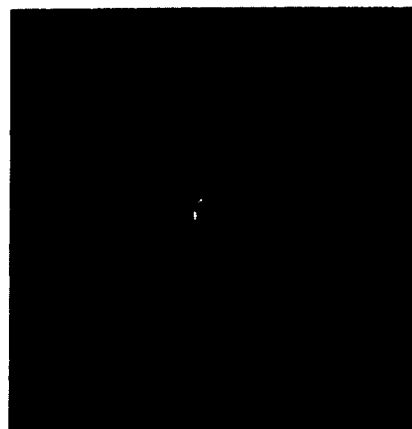
AS12- 51-7520



AS12- 51-7521



AS12- 51-7522



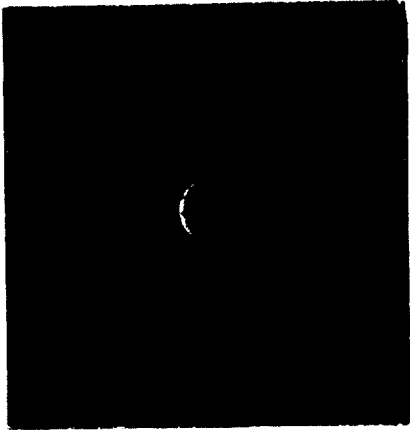
AS12- 51-7523



AS12- 51-7524



AS12- 51-7525



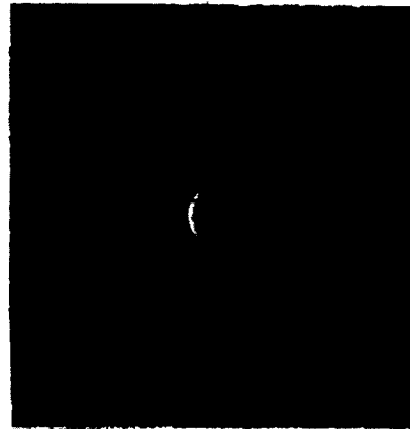
AS12- 51-7526



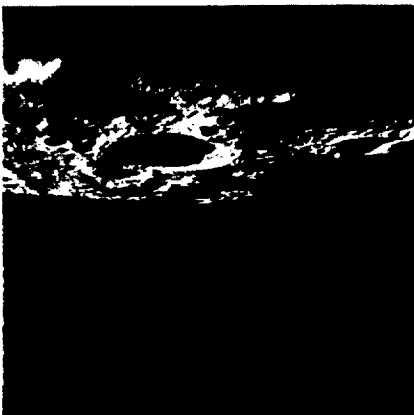
AS12- 51-7527



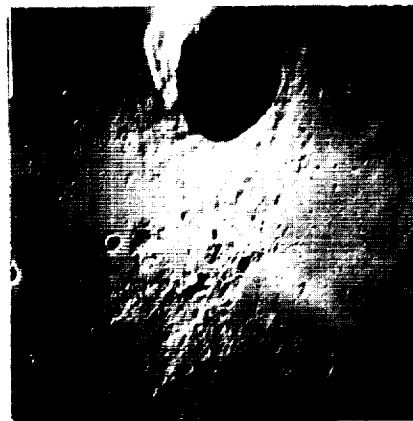
AS12- 51-7528



AS12- 51-7529



AS12- 51-7530



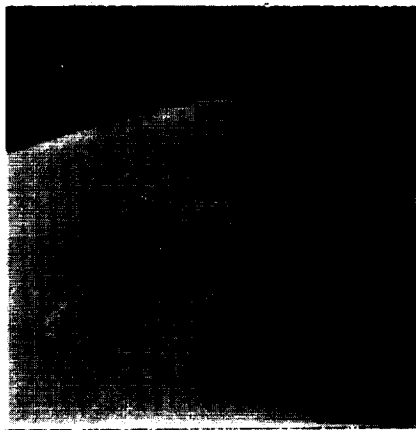
AS12- 51-7531



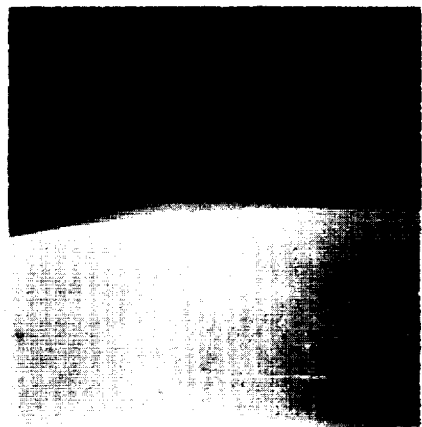
AS12- 51-7532



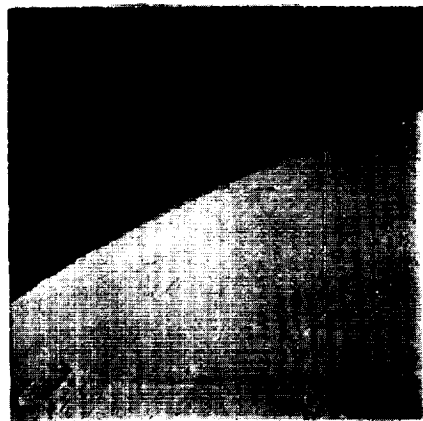
AS12- 51-7533



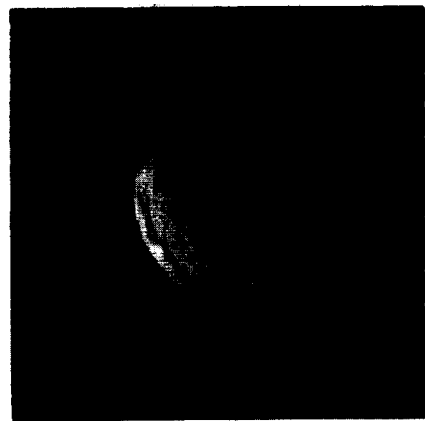
AS12- 51-7534



AS12- 51-7535



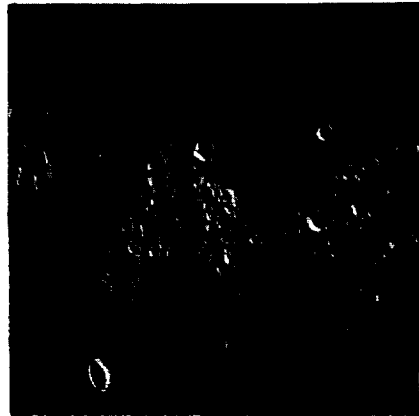
AS12- 51-7536



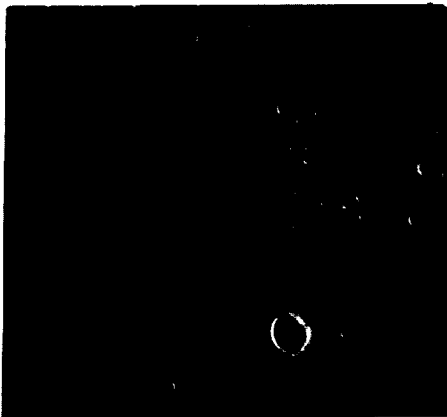
AS12- 51-7537



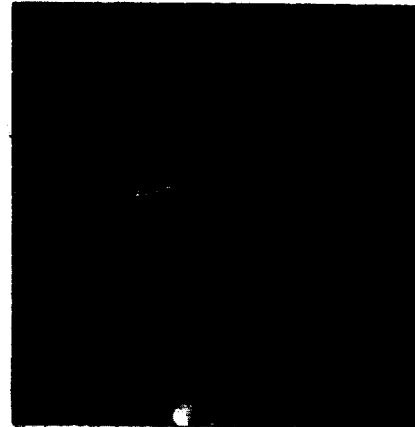
AS12- 51-7538



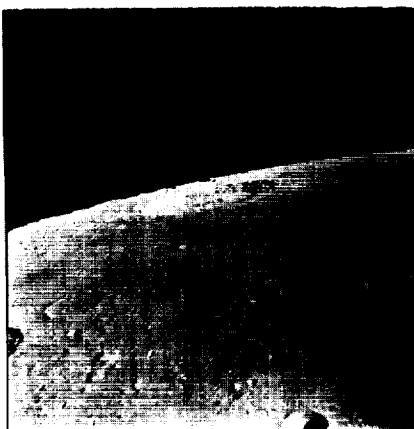
AS12- 51-7539



AS12- 51-7540



AS12- 51-7541



AS12- 51-7542



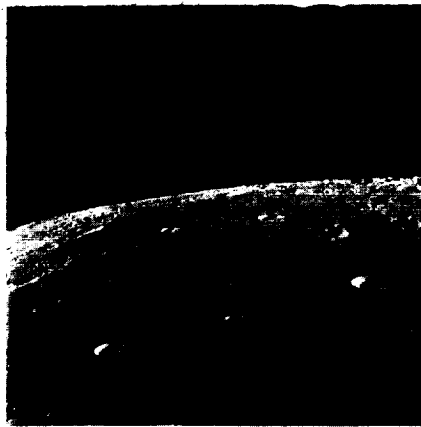
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AS12-51-7544



AS12- 51-7545



AS12- 51-7546



AS12- 51-7547



AS12- 51-7548



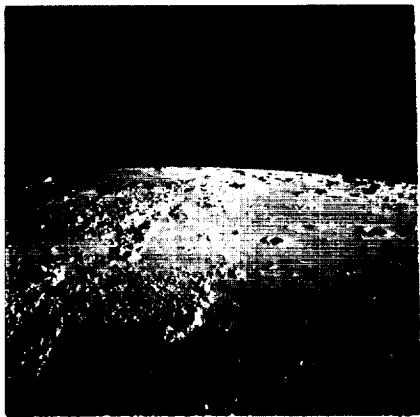
AS12- 51-7549



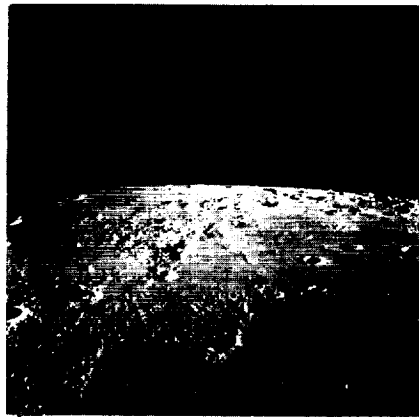
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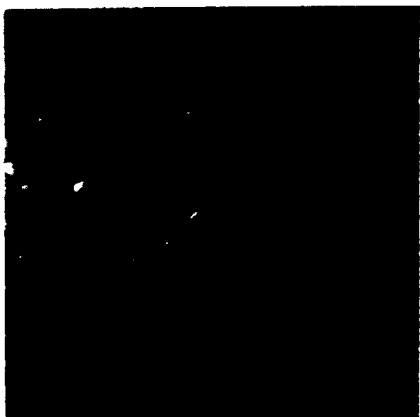
AS12- 51-7551



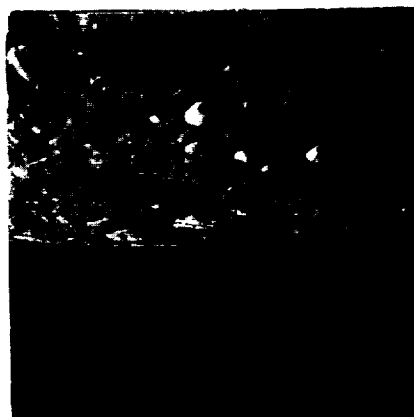
AS12- 51-7552



AS12- 51-7553



AS12- 51-7554



AS12- 51-7555



AS12- 51-7556



AS12- 51-7557



AS12- 51-7558



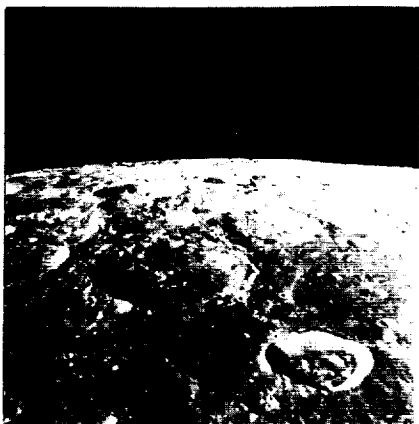
AS12- 51-7559



AS12- 51-7560



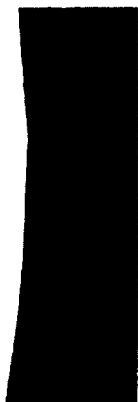
AS12- 51-7561



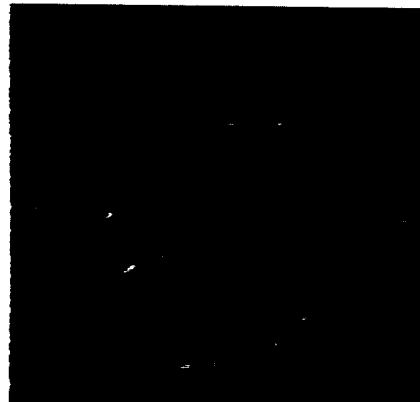
AS12-51-7562



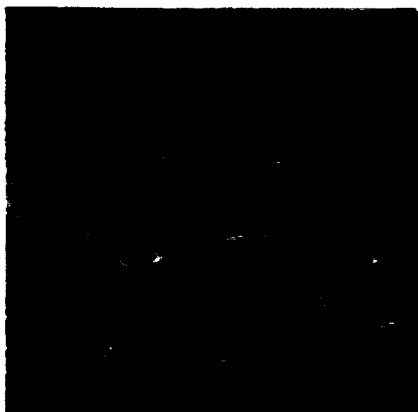
AS12-51-7563



AS12-51-7564



AS12-51-7565



AS12-51-7566

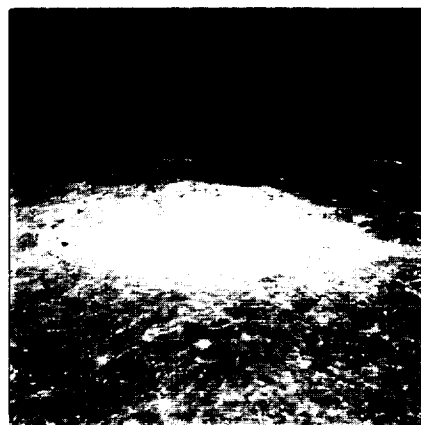


AS12-51-7567





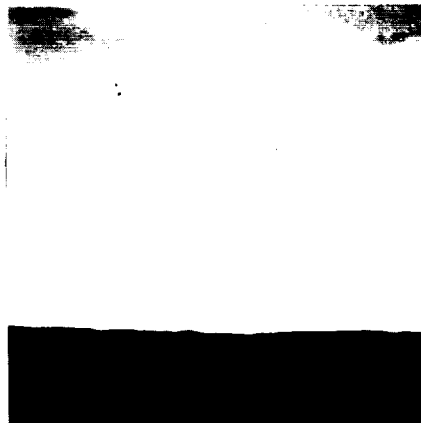
AS12- 51-7568



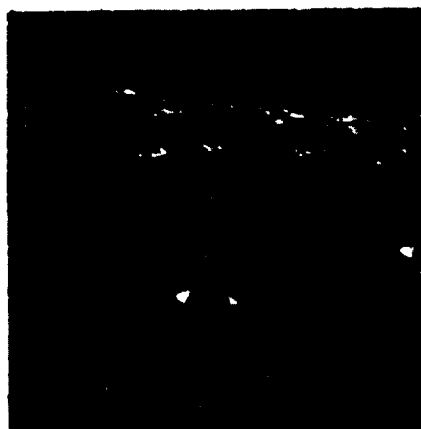
AS12- 51-7569



AS12- 51-7570



AS12-51-7571



AS12-51-7572



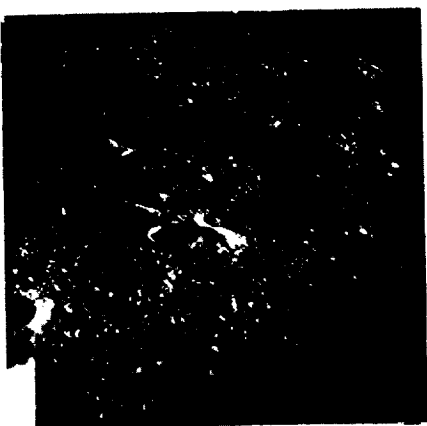
AS12- 51-7573



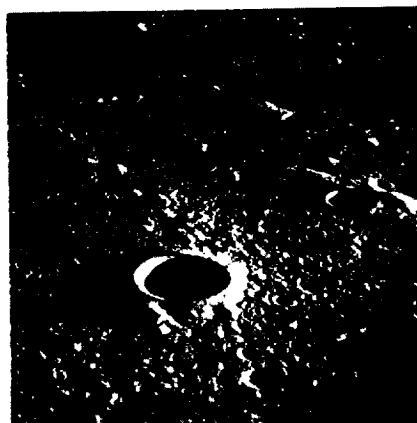
AS12-51-7574



AS12-51-7575



AS12-51-7576



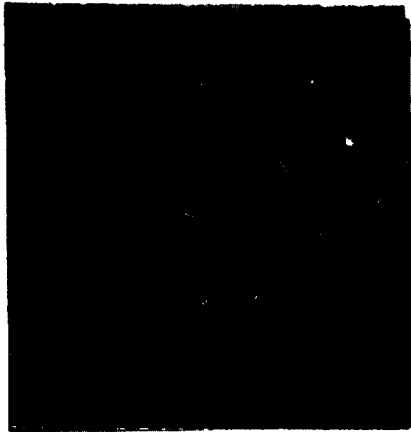
AS12-51-7577



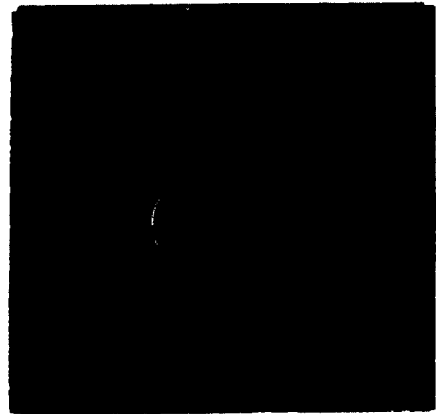
AS12-51-7578



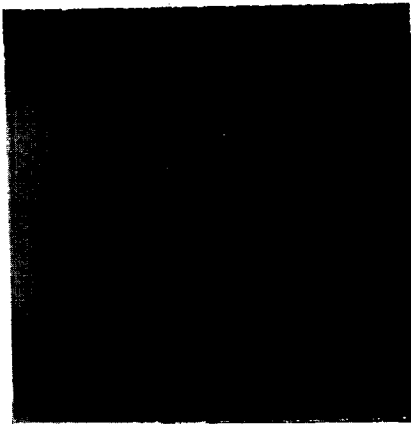
AS12-51-7579



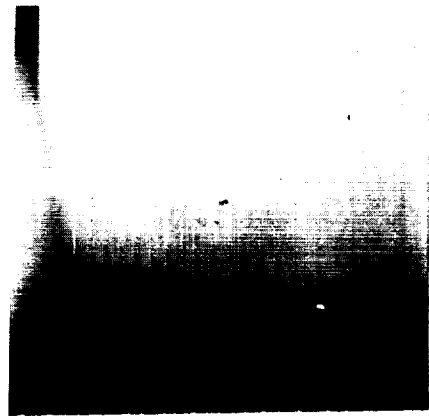
AS12- 51-7580



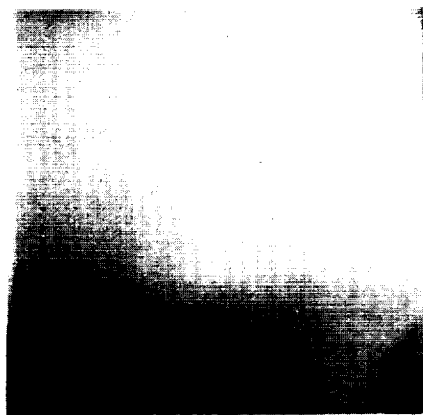
AS12- 51-7581



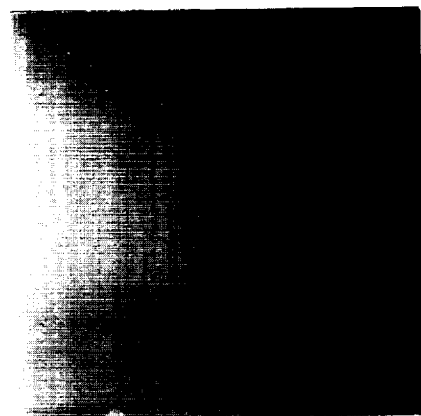
AS12- 51-7582



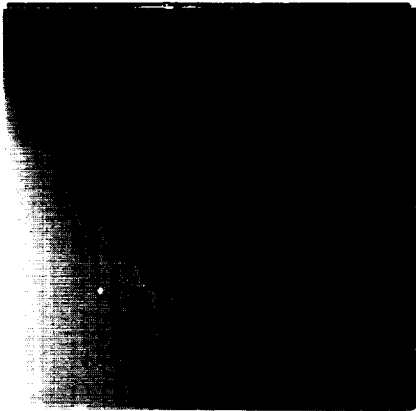
AS12- 51-7583



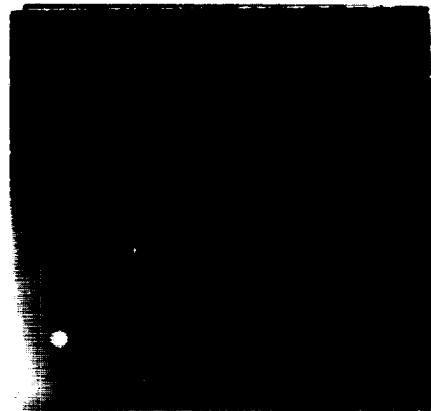
AS12- 51-7584



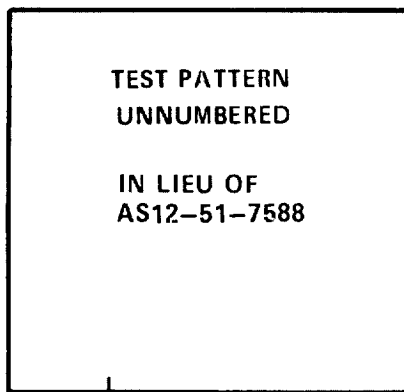
AS12- 51-7585



AS12- 51-7586



AS12- 51-7587



AS12-

# **MAGAZINE**

# **S**

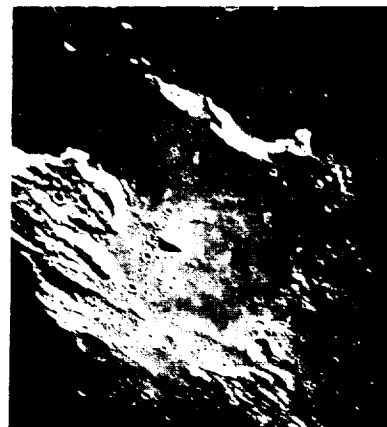
**AS12-52-7589 thru AS12-52-7762**

**NOTE: Number AS12-51-7588 omitted.**

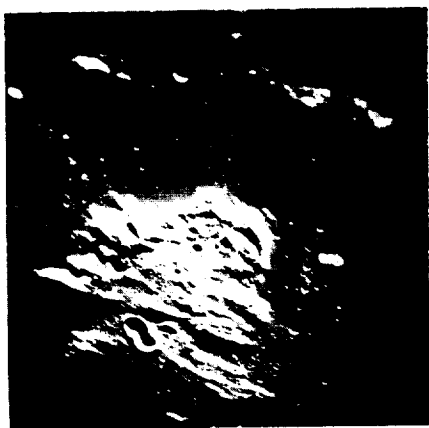




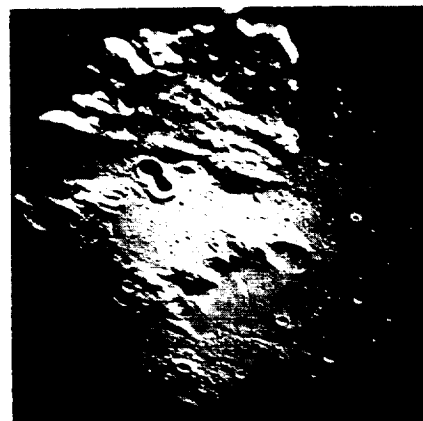
AS12- 52-7589



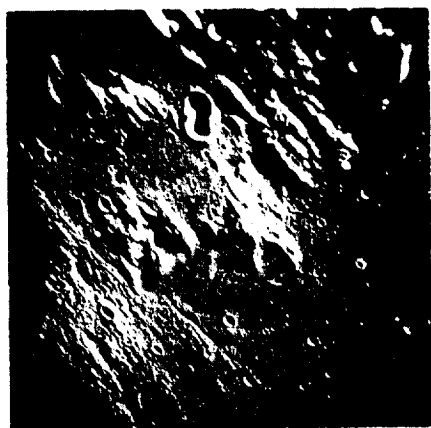
AS12- 52-7590



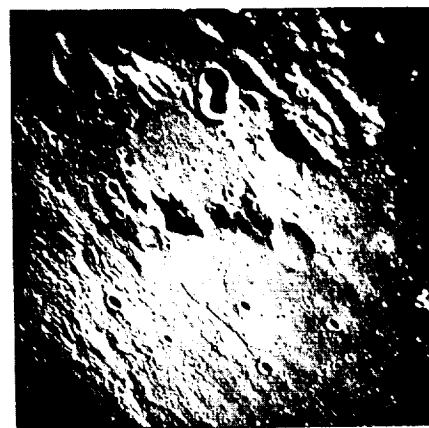
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AS12- 52-7592



AS12- 52-7593



AS12- 52-7594



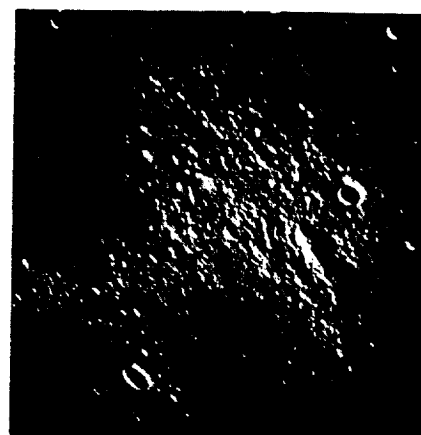
AS12-52-7595



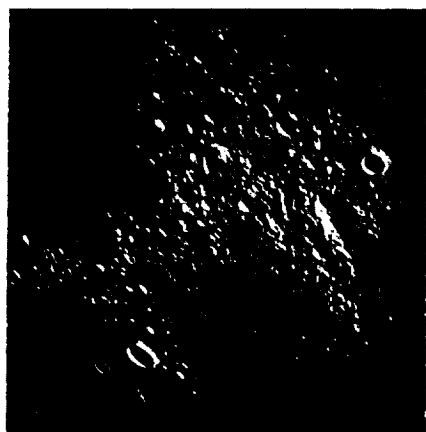
AS12- 52-7596



AS12- 52-7597



AS12- 52-7598



AS12- 52-7599

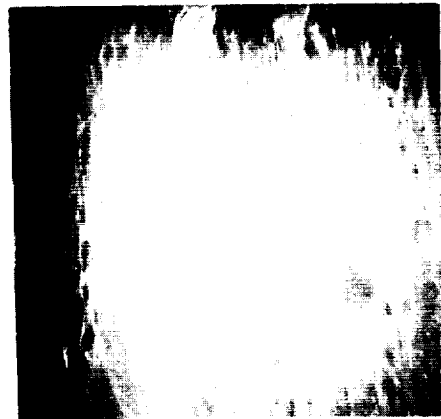


AS12- 52-7600

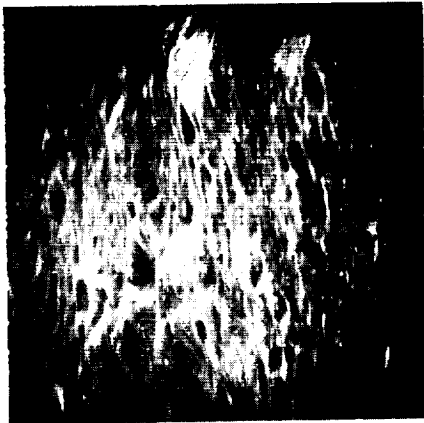




AS12-52-7601



AS12-52-7602



AS12-52-7603



AS12-52-7604



AS12-52-7605



AS12-52-7606



AS12- 52-7607



AS12- 52-7608



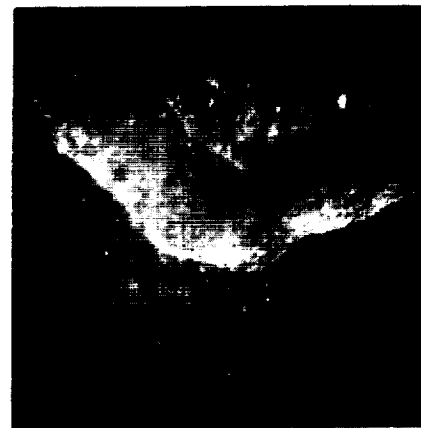
AS12- 52-7609



AS12- 52-7610



AS12- 52-7611



AS12- 52-7612



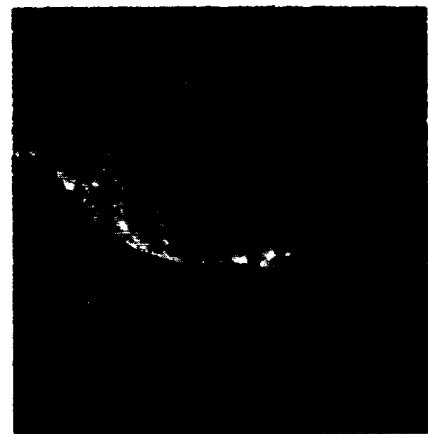
AS12- 52-7613



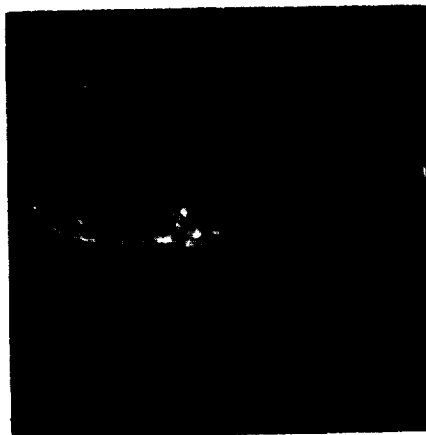
AS12- 52-7614



AS12- 52-7615



AS12- 52-7616



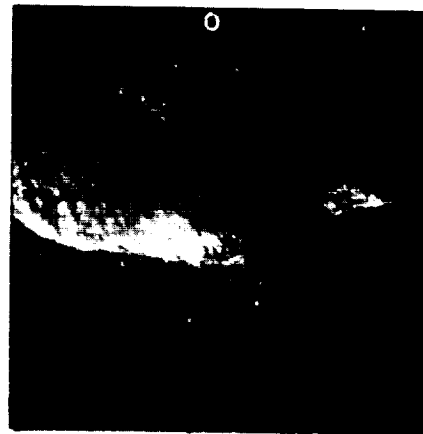
AS12- 52-7617



AS12- 52-7618



AS12-52-7619



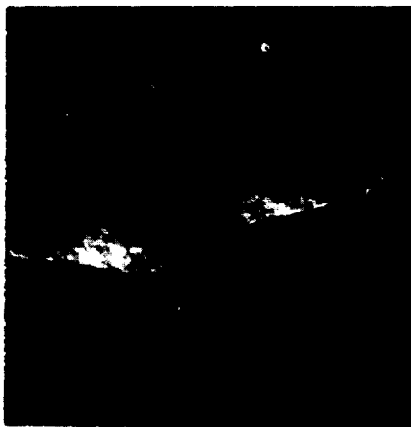
AS12-52-7620



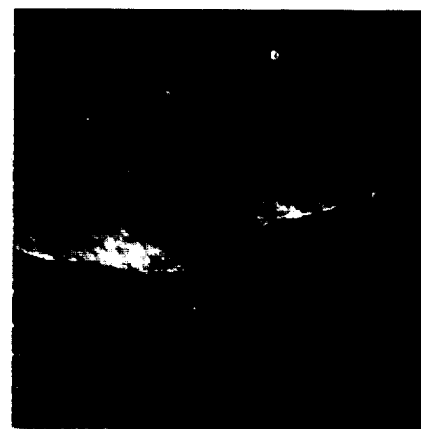
AS12-52-7621



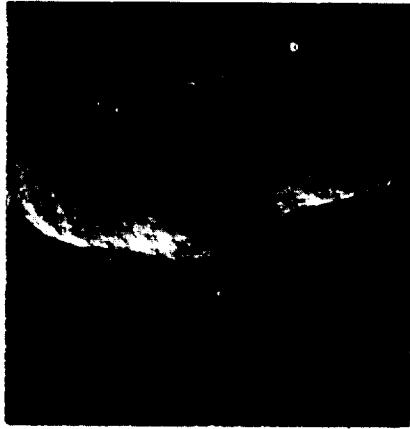
AS12-52-7622



AS12-52-7623



AS12-52-7624



AS12- 52-7625



AS12-52-7626



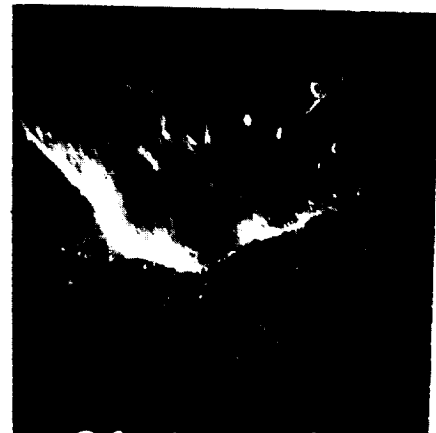
AS12- 52-7627



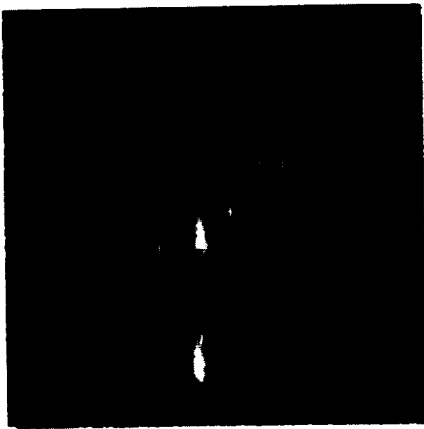
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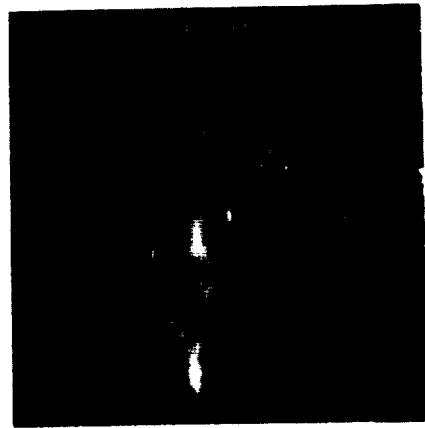
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AS12- 52-7630



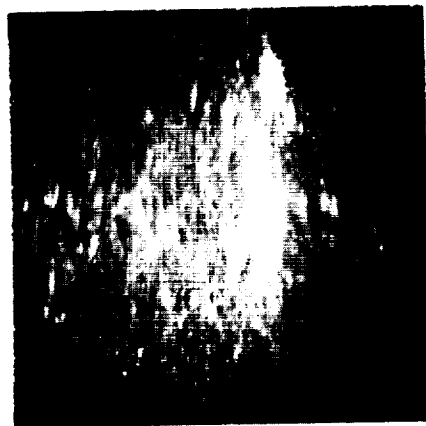
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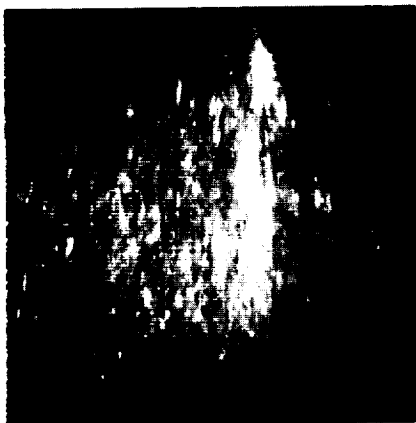
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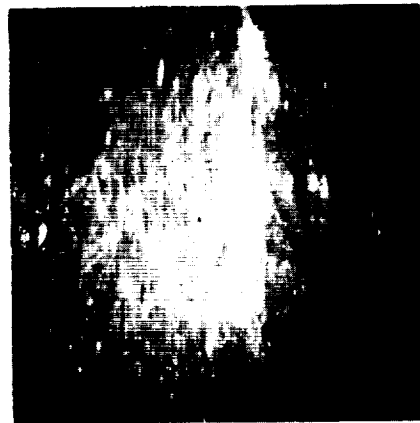
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AS12-52-7634



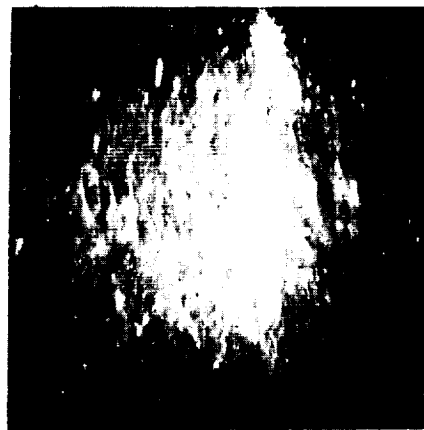
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AS12-52-7636



AS12-52-7637



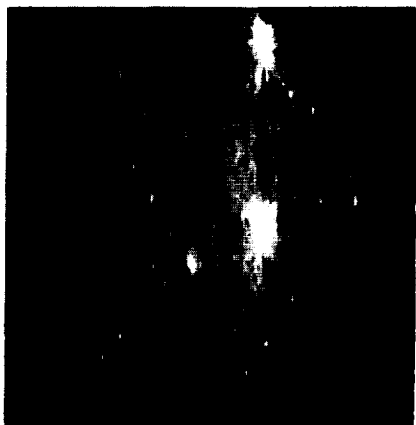
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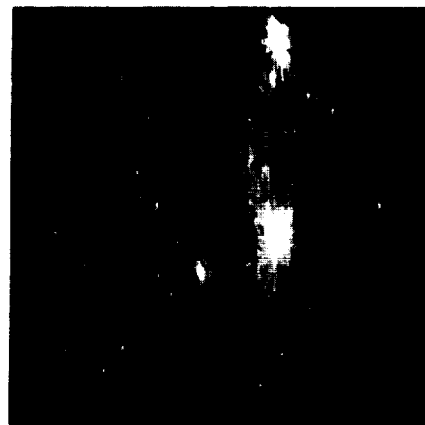
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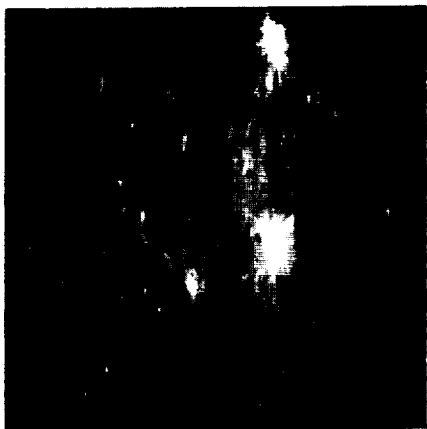
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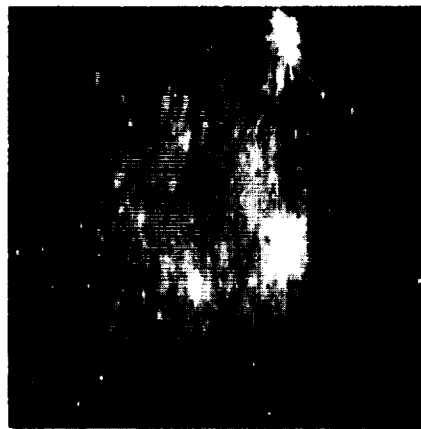
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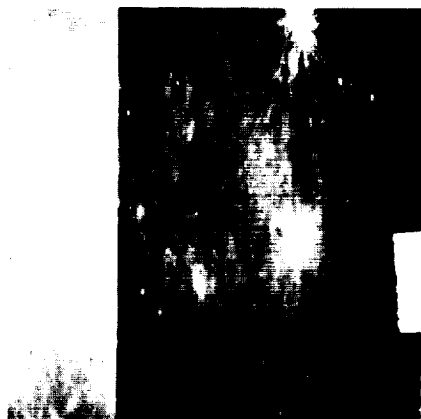
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AS12-52-7643



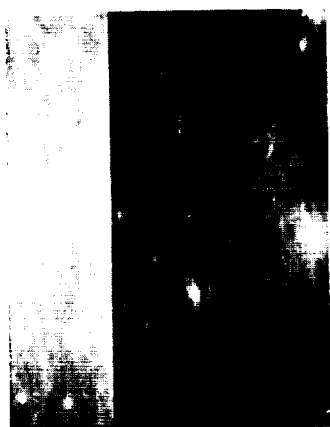
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AS12-52-7645



AS12-52-7646

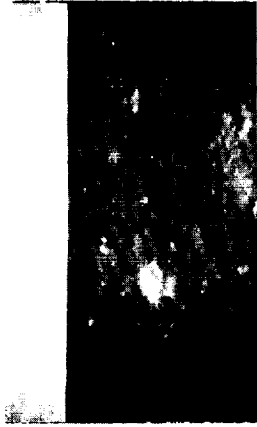


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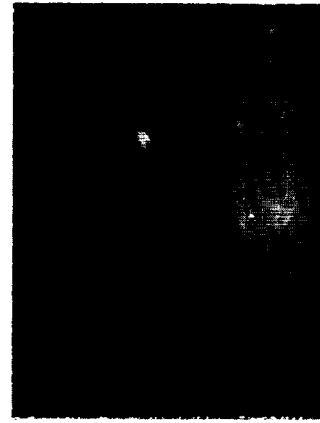


AS12-52-7648





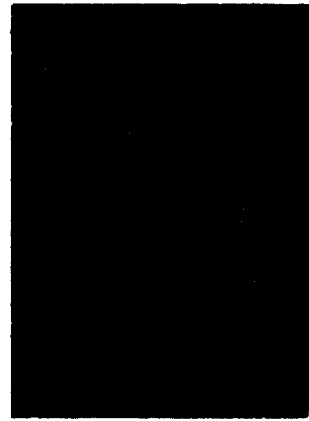
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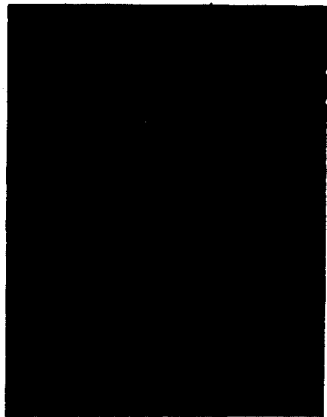
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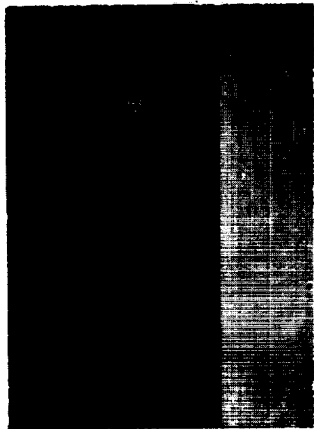
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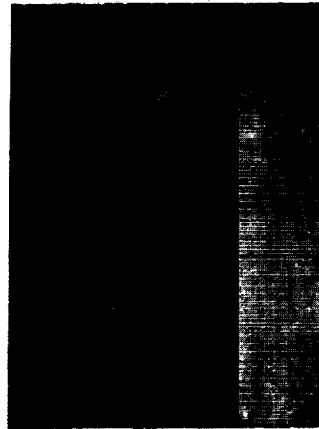
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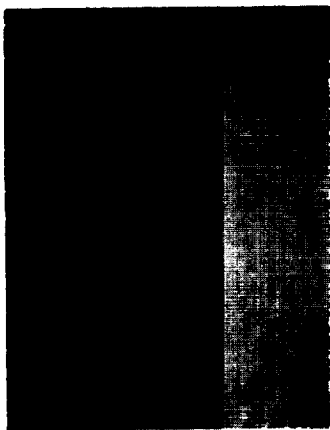
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AS12-52-7655



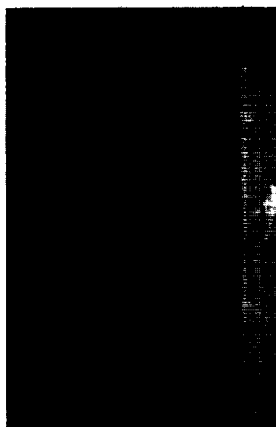
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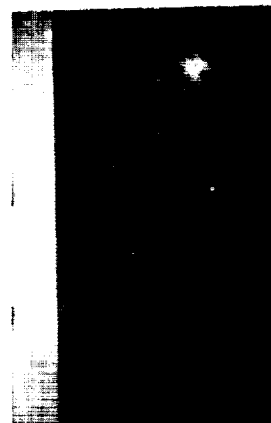
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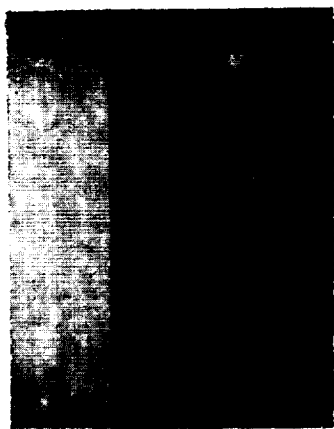
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AS12-52-7659



AS12-52-7660



AS12- 52-7661



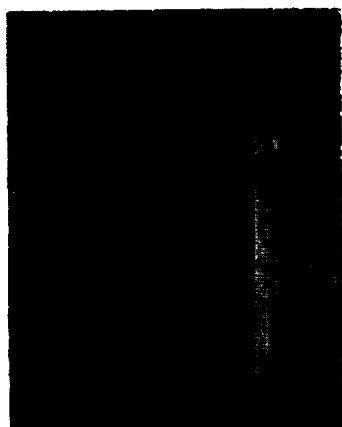
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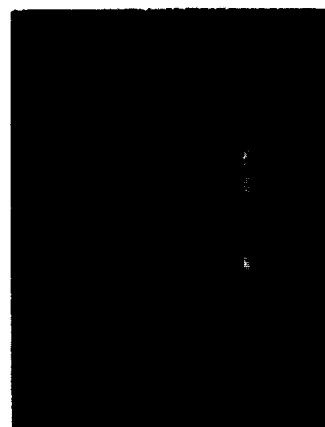
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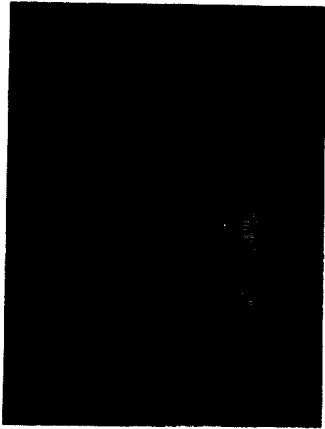
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AS12- 52-7665



AS12- 52-7666



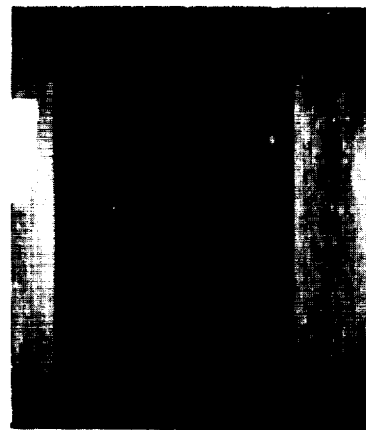
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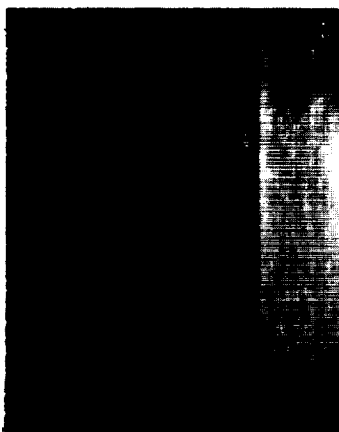
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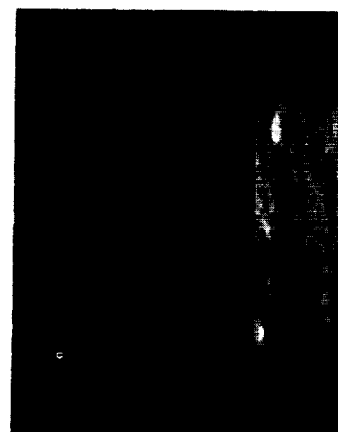
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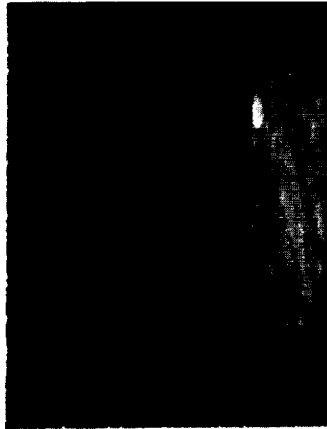
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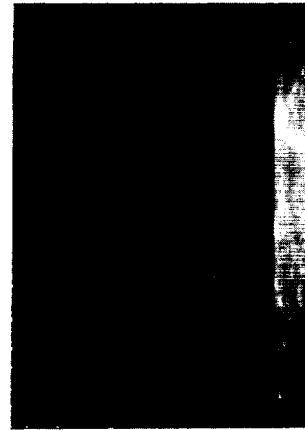
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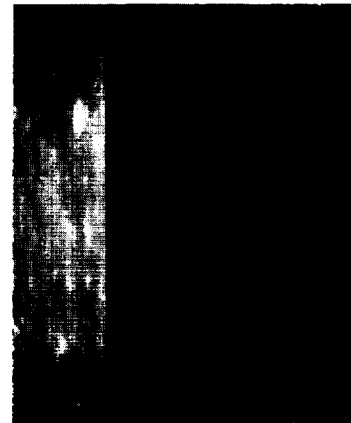
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AS12-52-7674



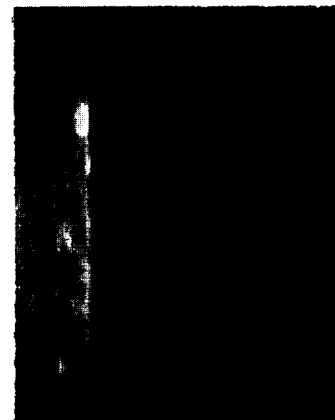
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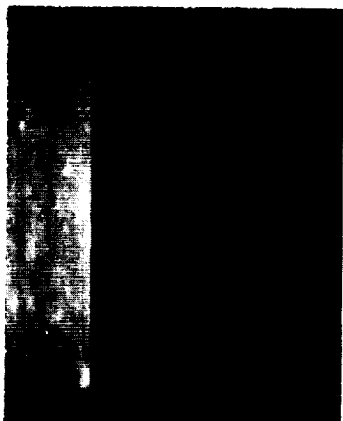
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AS12-52-7677



AS12-52-7678



AS12-52-7679



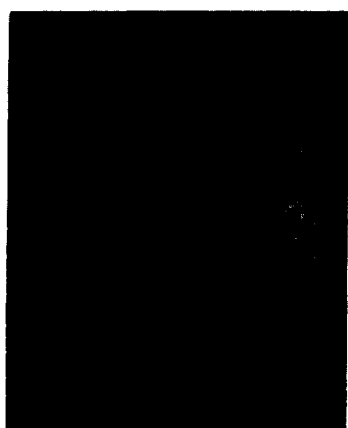
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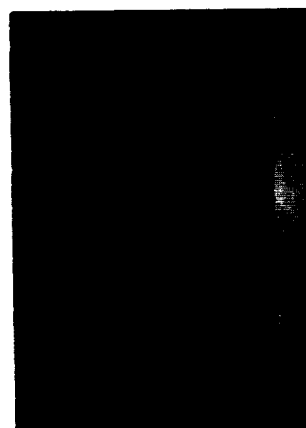
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AS12-52-7685



AS12-52-7686



AS12-52-7687



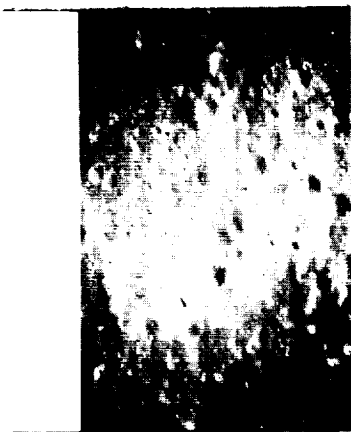
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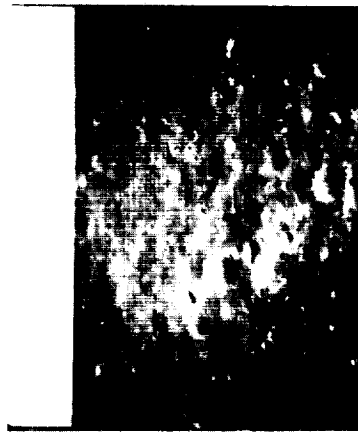
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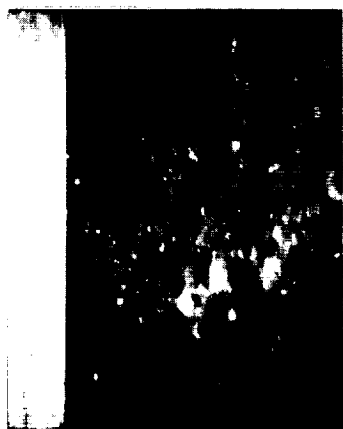
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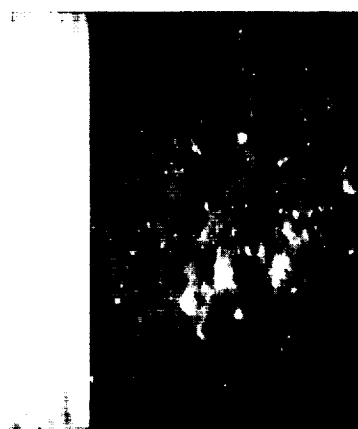
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AS12- 52-7692



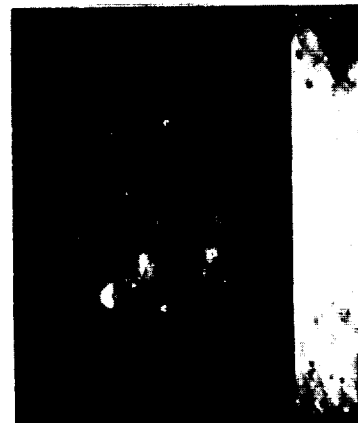
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AS12-52-7694

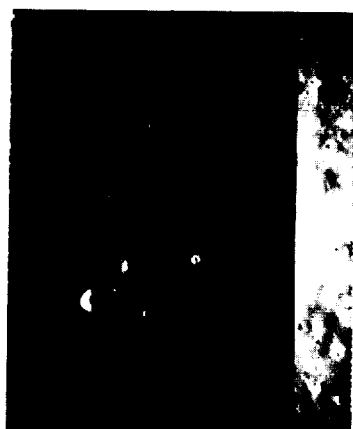


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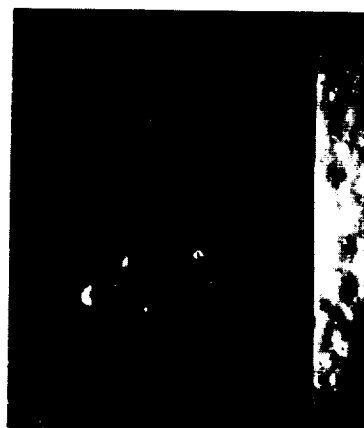


AS12- 52-7696





AS12-52-7697



AS12-52-7698



AS12-52-7699



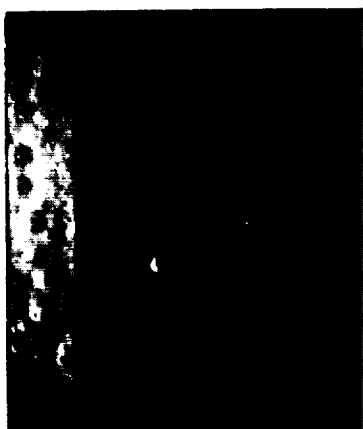
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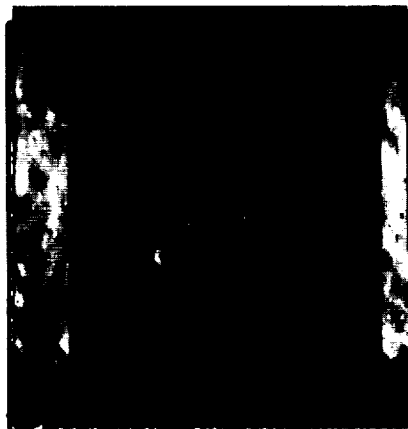
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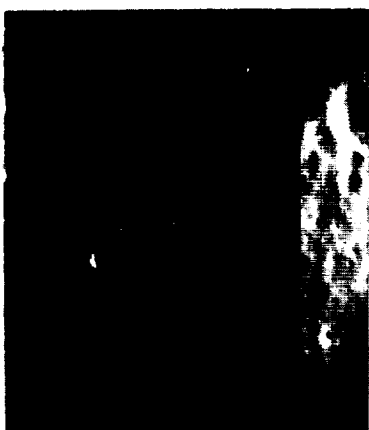
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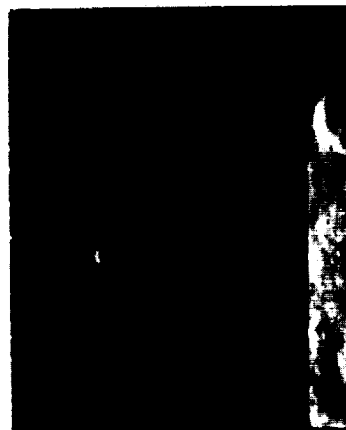
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AS12-52-7704



AS12- 52-7705



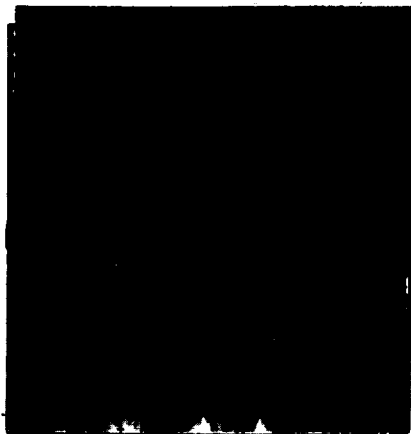
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AS12- 52-7707



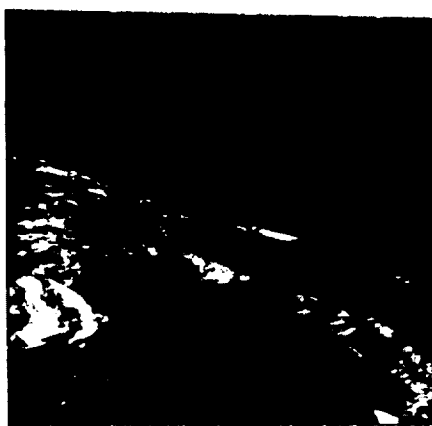
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AS12-52-7709



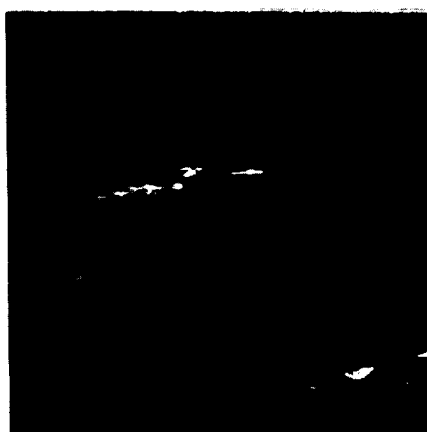
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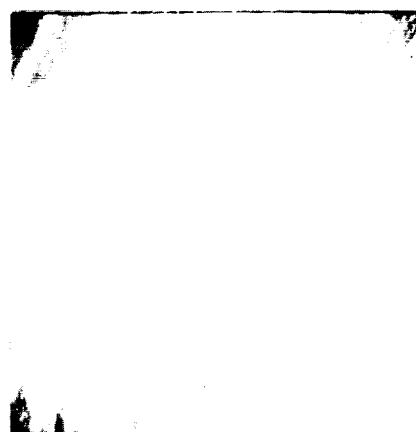
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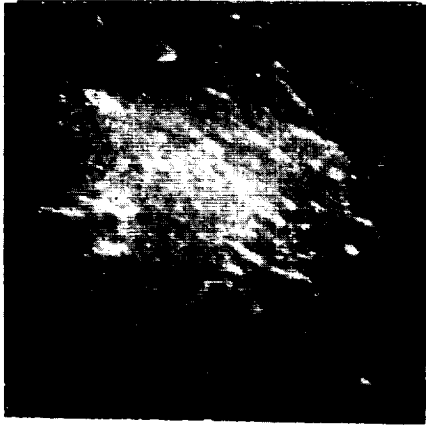
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AS12-52-7716



AS12-52-7717



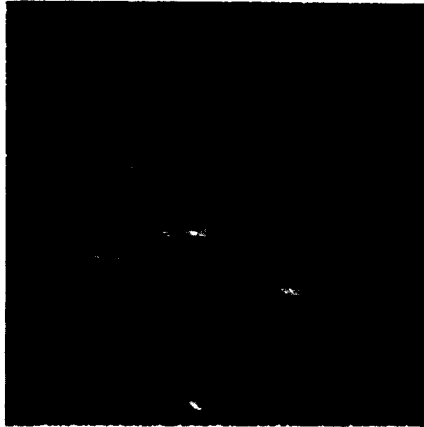
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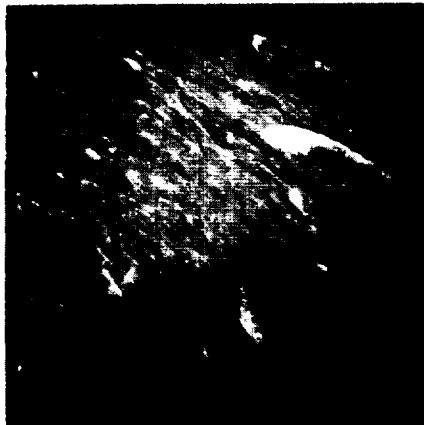
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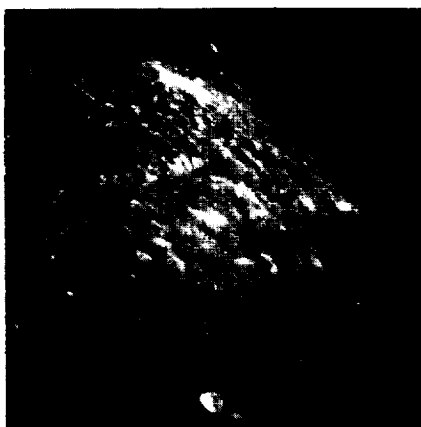
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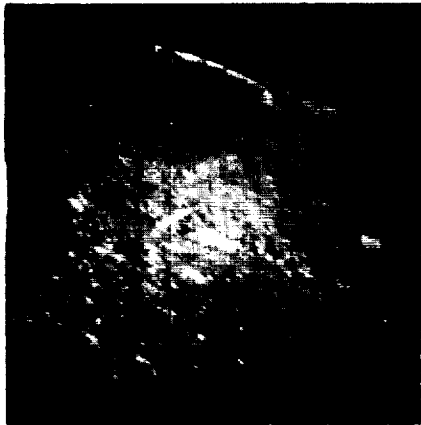
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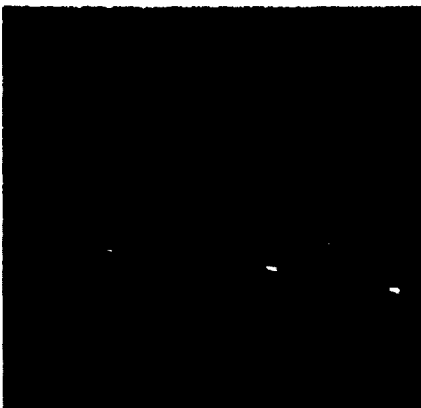
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AS12- 52-7727



AS12- 52-7728



AS12- 52-7729



AS12- 52-7730



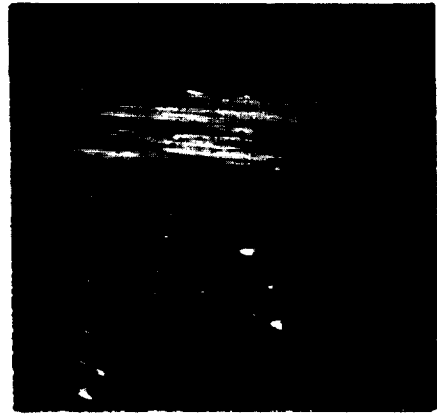
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AS12- 52-7732



AS12-52-7733



AS12- 52-7734



AS12-52-7735



AS12- 52-7736



AS12-52-7737



AS12- 52-7738



AS12-52-7739



AS12-52-7740



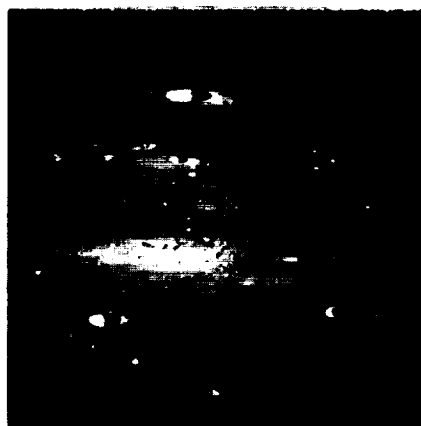
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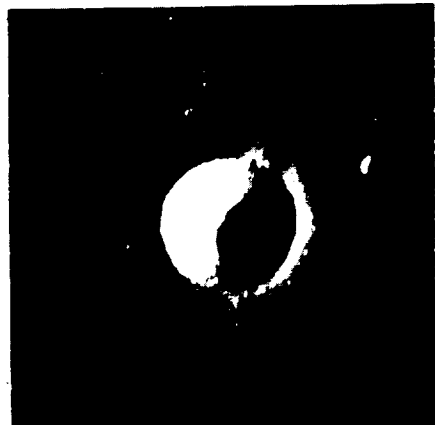
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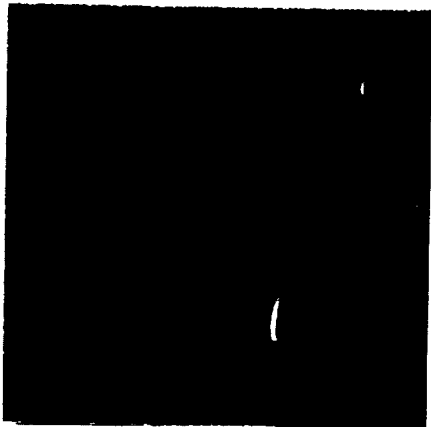
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AS12-52-7749



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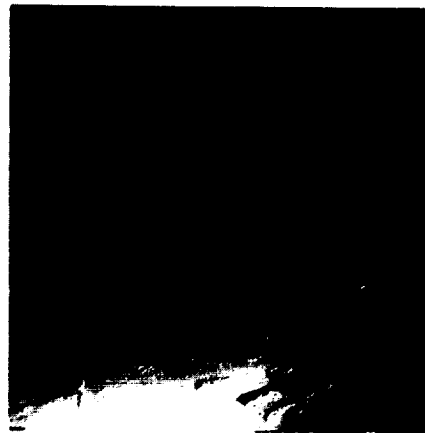
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AS12-52-7753



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AS12-52-7755



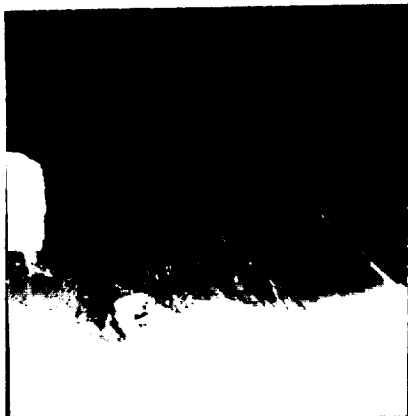
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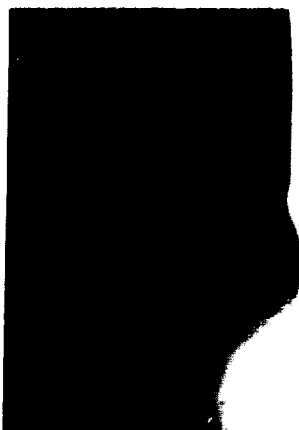
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AS12-52-7759



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AS12-52-7761



AS12-52-7762



**MAGAZINE**

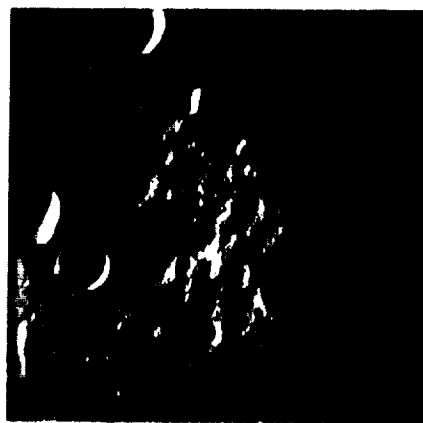
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**AS12-54-7948 thru AS12-54-8120**





AS12- 54-7948



AS12- 54-7949



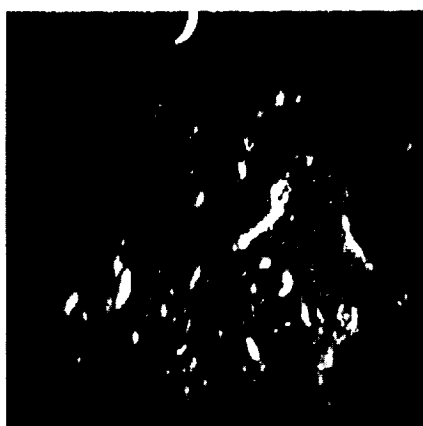
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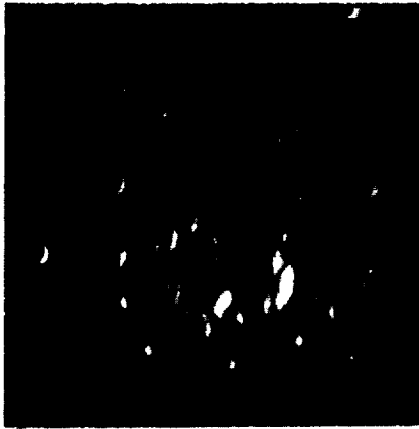
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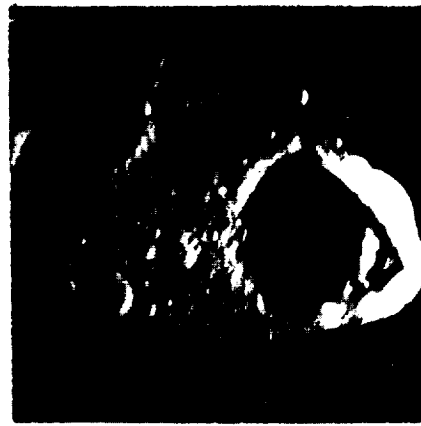
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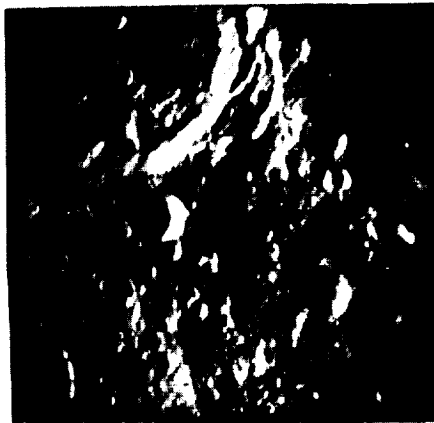


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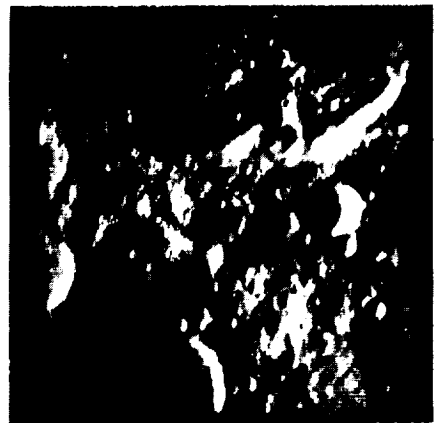


AS12-54-7959





AS12-54-7960



AS12-54-7961



AS12-54-7962



AS12- 54-7963



AS12-54-7964



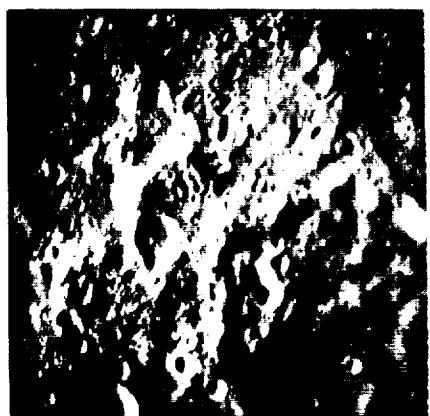
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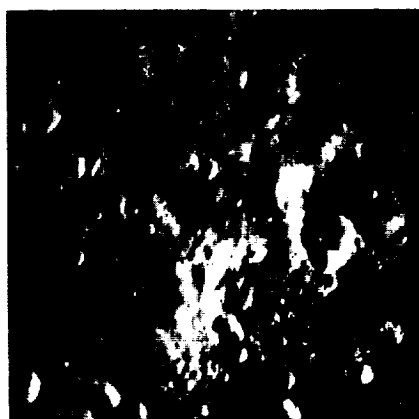
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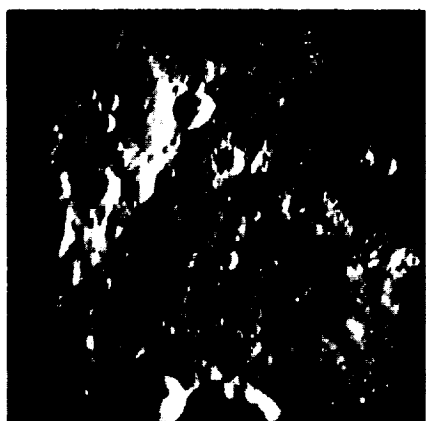
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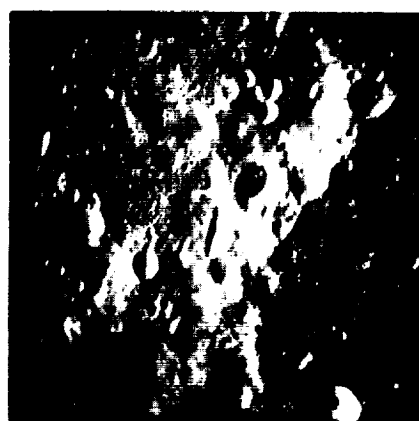
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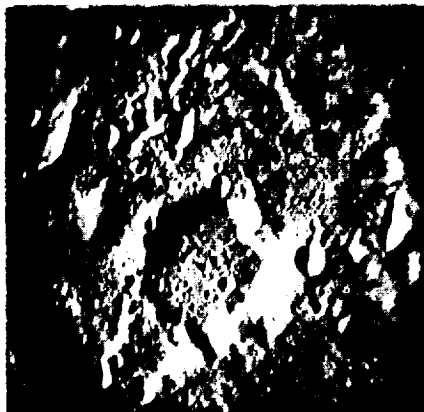
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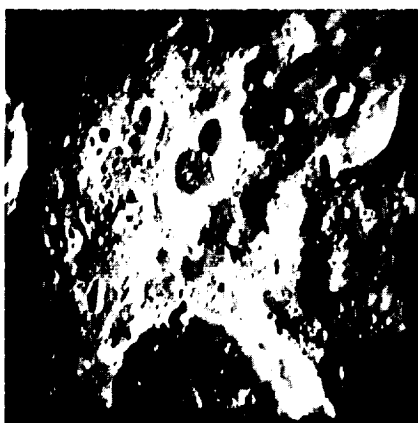
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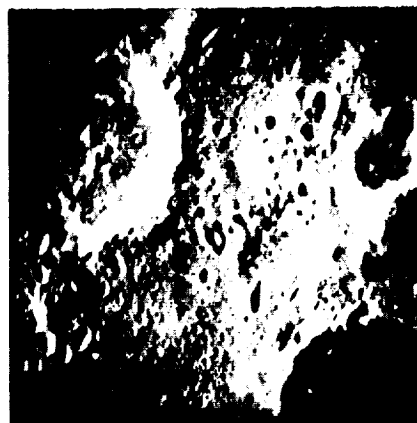
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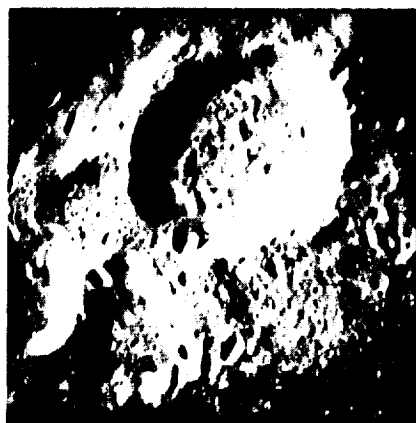
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AS12-54-7974



AS12-54-7975



AS12-54-7976



AS12-54-7977



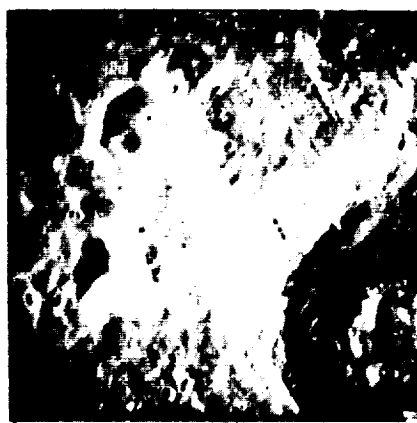
AS12- 54-7978



AS12- 54-7979



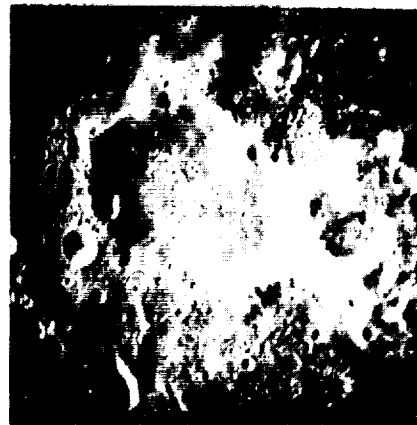
AS12- 54-7980



AS12-54-7981



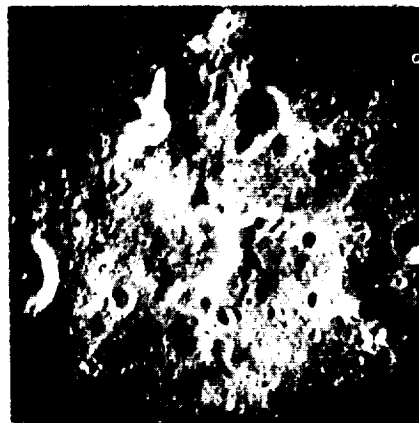
AS12- 54-7982



AS12- 54-7983



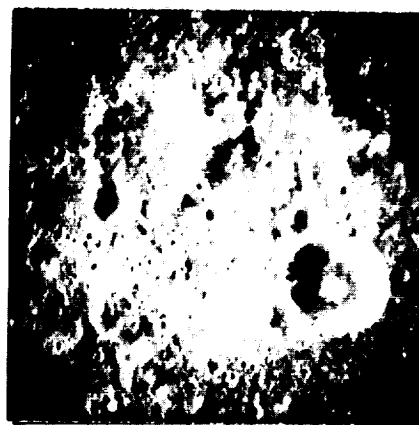
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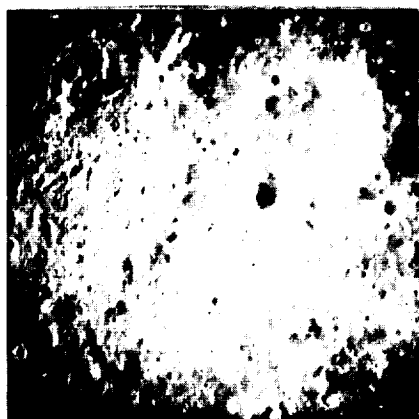
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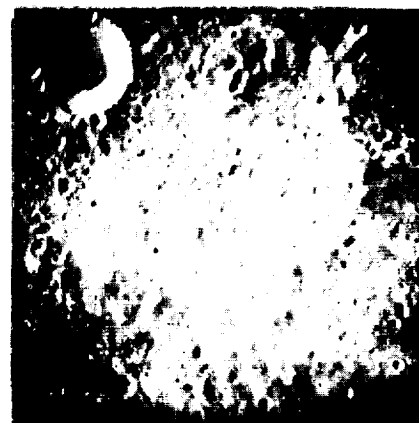
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AS12-54-7987



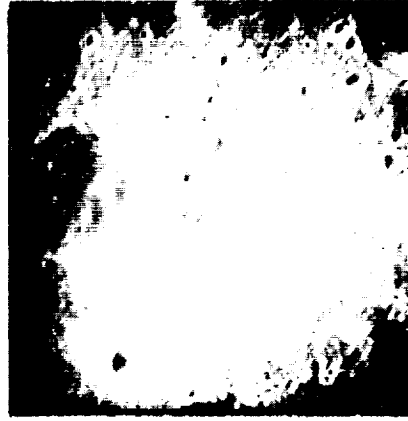
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AS12-54-7989



AS12-54-7990



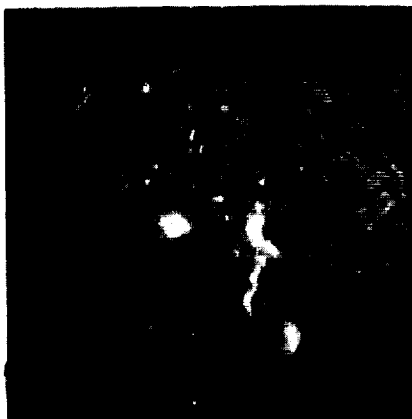
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AS12-54-7992



AS12-54-7993



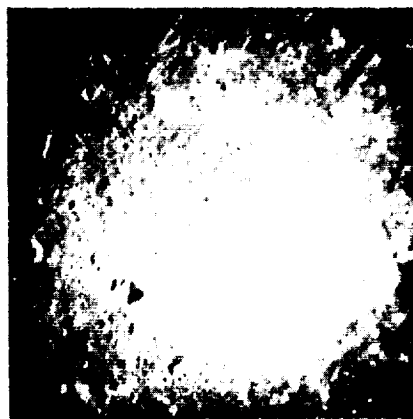
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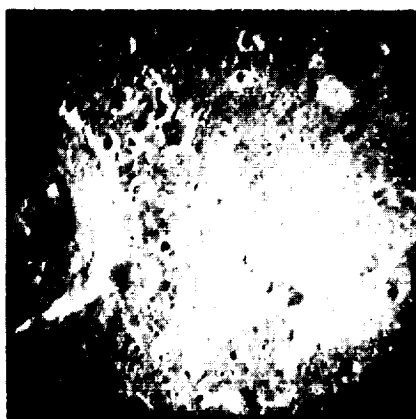
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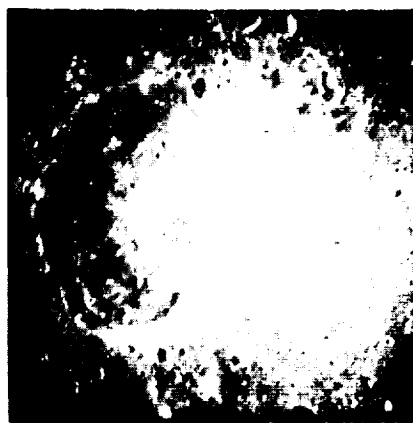
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AS12- 54-7997



AS12-54-7998



AS12- 54-7999



AS12- 54-8000



AS12- 54-8001



AS12- 54-8002



AS12- 54-8003



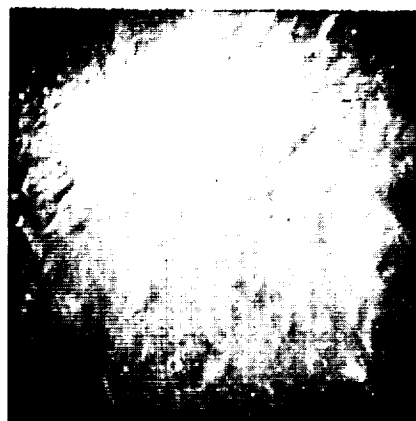
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AS12- 54-8005

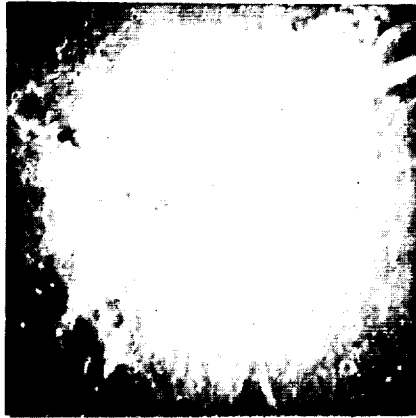


AS12- 54-8006



AS12- 54-8007

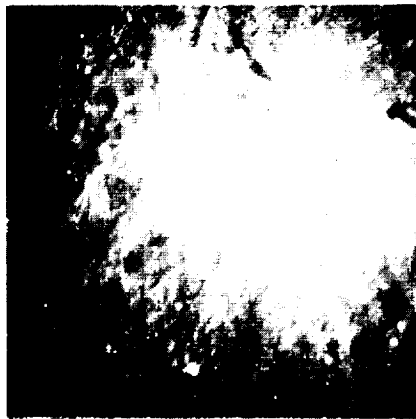




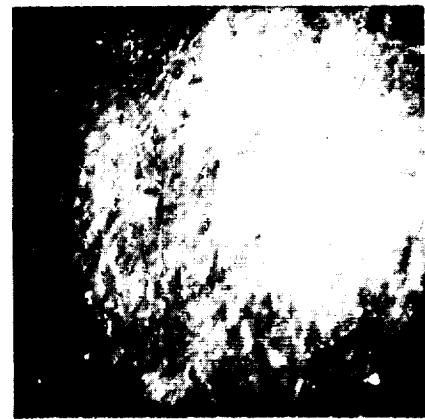
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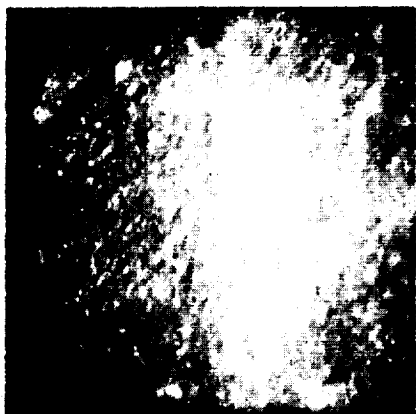
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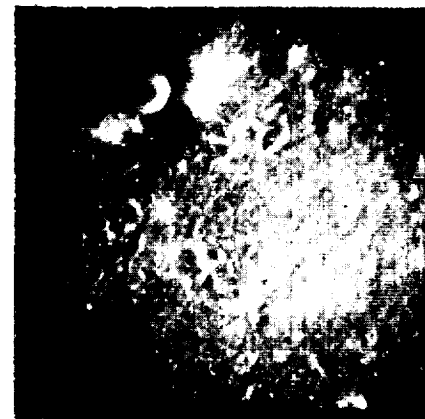
AS12- 54-8010



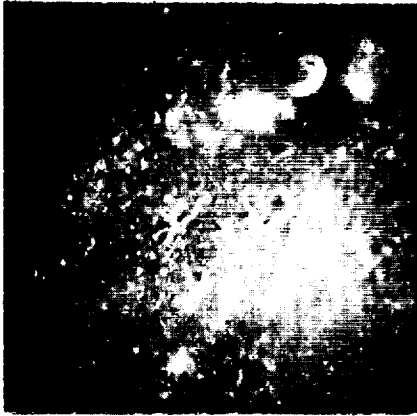
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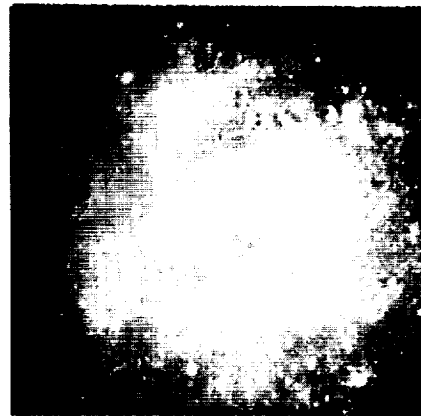
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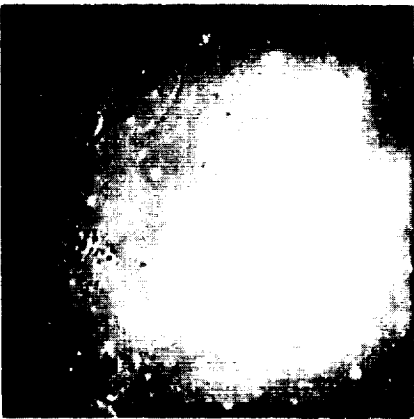
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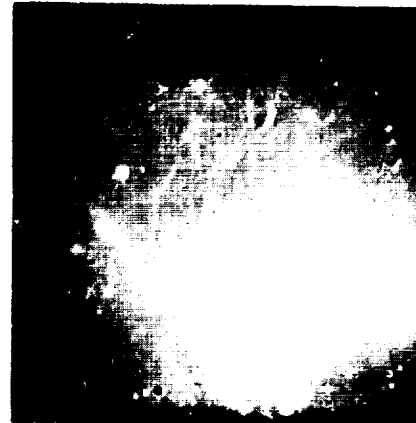
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AS12-54-8015



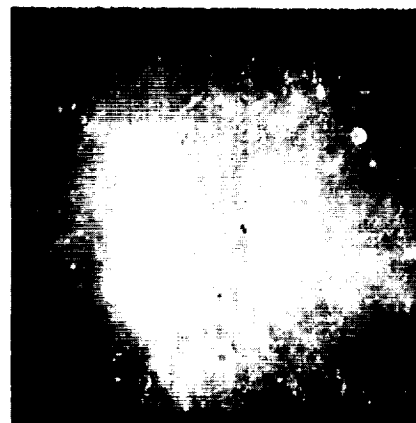
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AS12-54-8017



AS12-54-8018



AS12-54-8019



AS12-54-8020



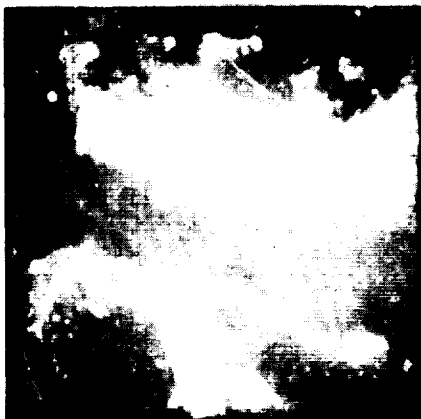
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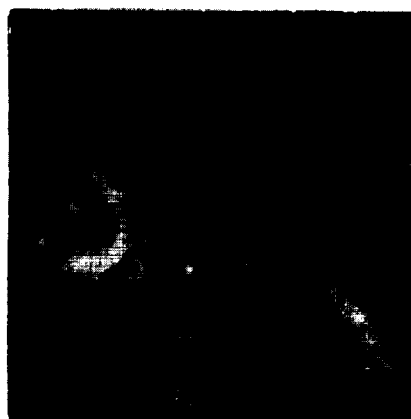
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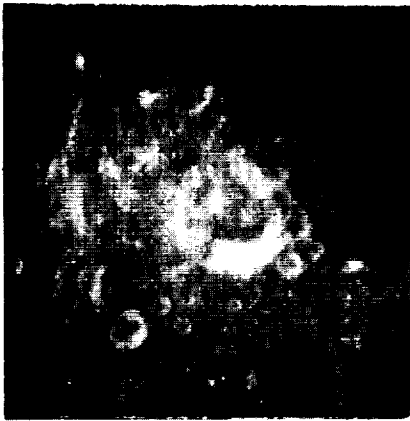
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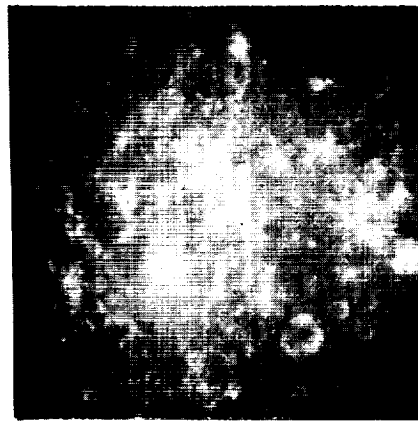
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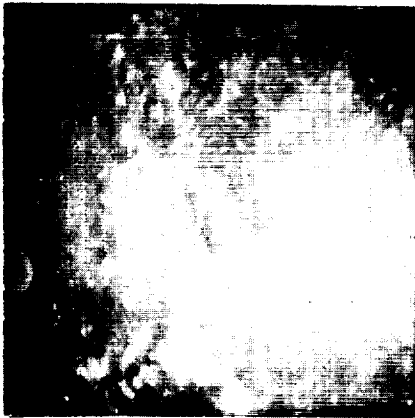
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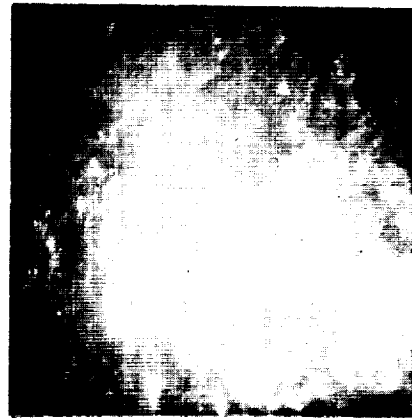
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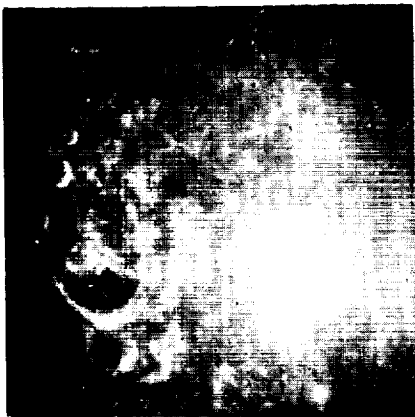
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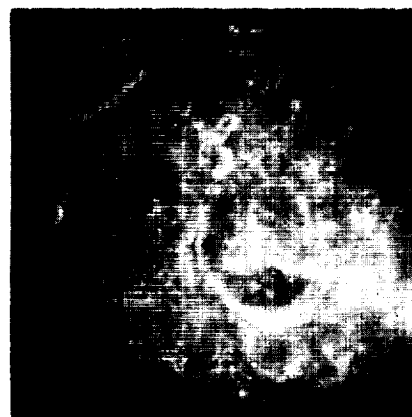
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AS12-54-8030



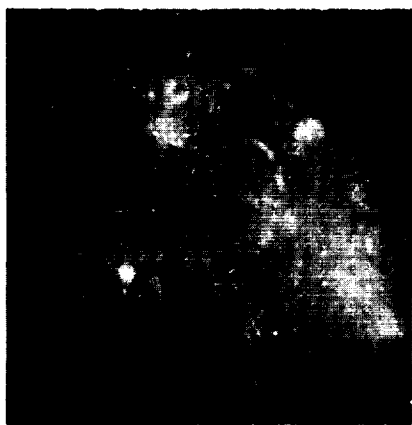
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AS12-54-8032



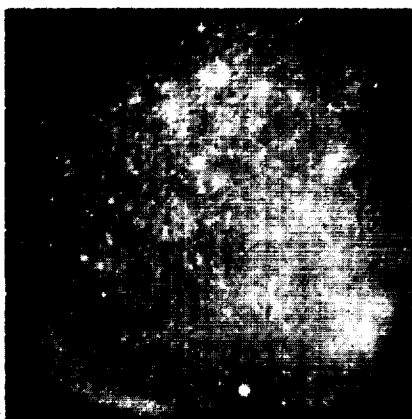
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AS12-54-8034



AS12-54-8035



AS12-54-8036



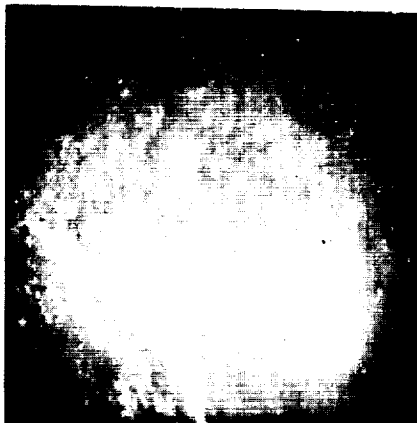
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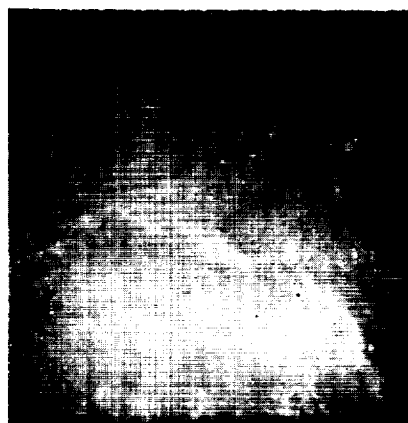
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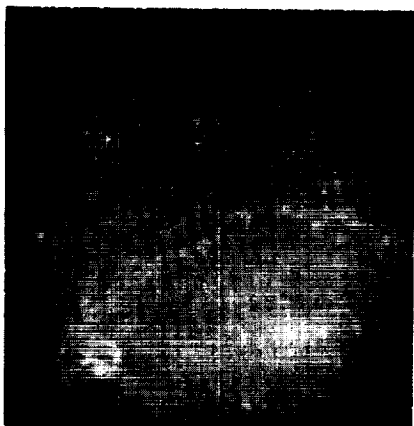
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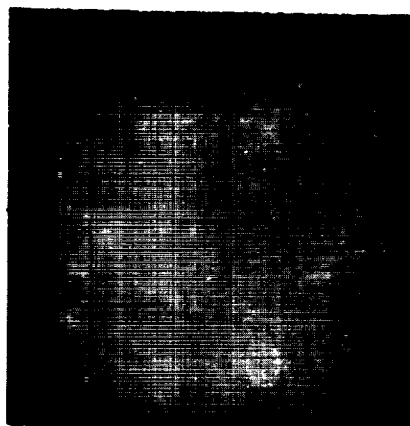
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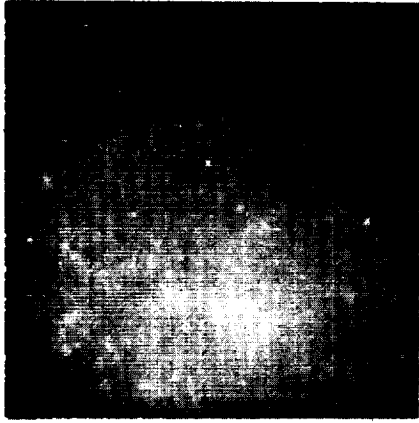
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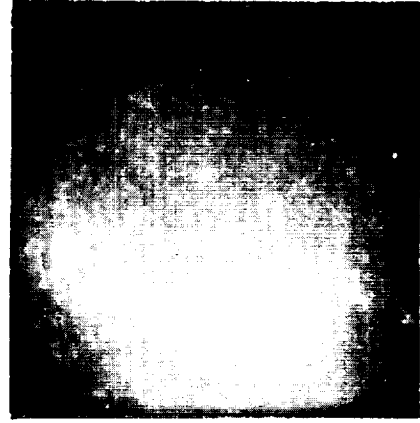
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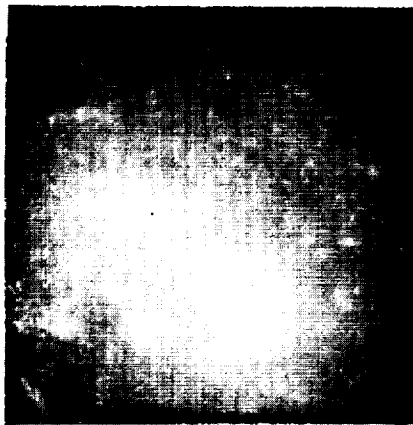
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AS12- 54-8044



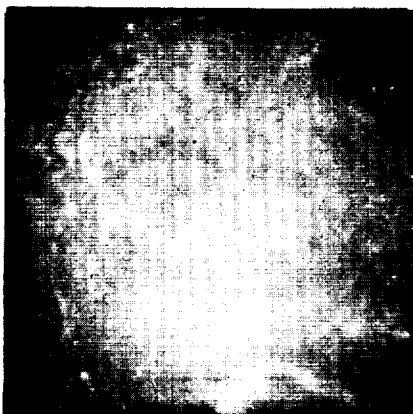
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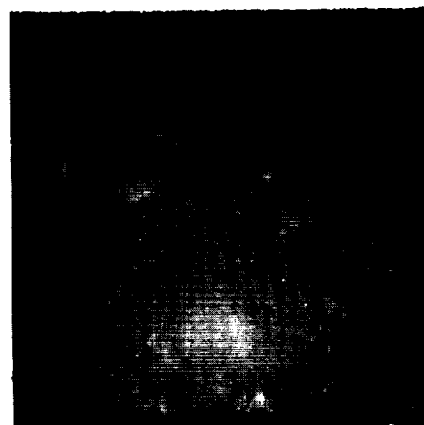
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AS12- 54-8047



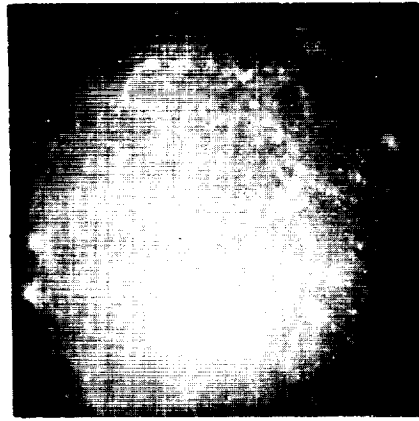
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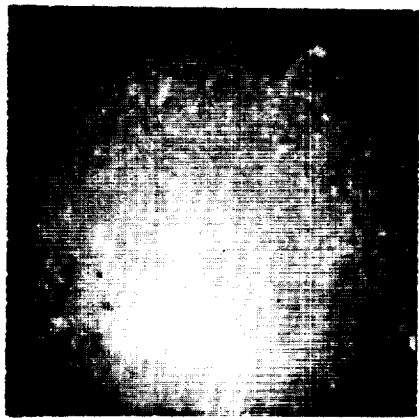
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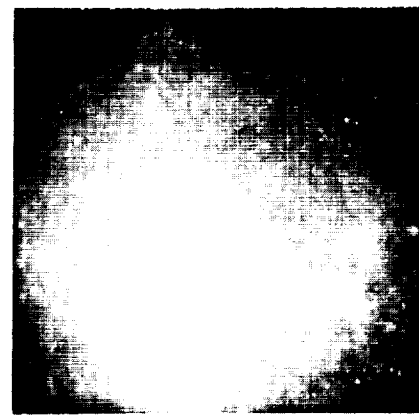
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AS12-54-8051



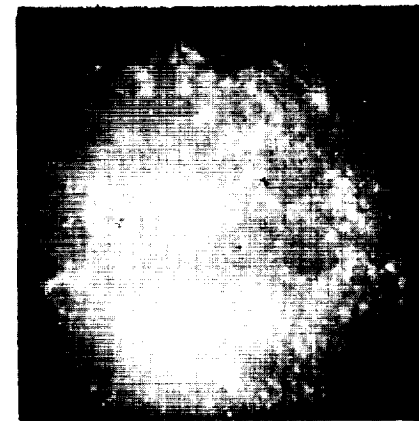
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AS12-54-8053

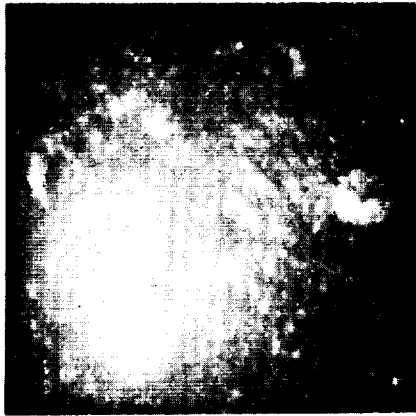


AS12-54-8054



AS12-54-8055

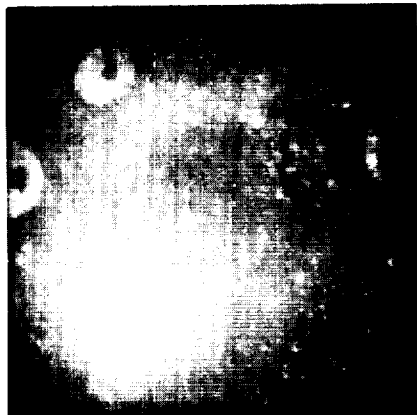




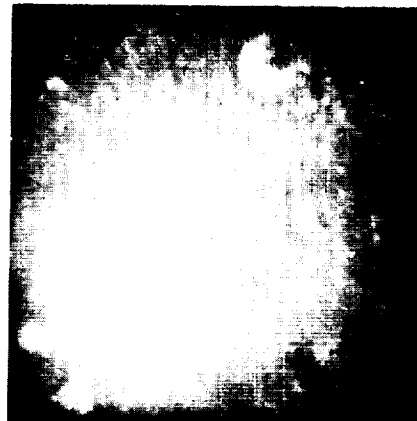
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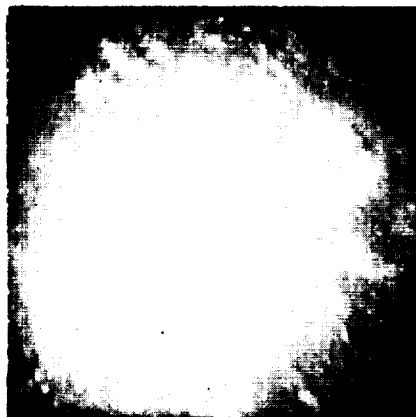
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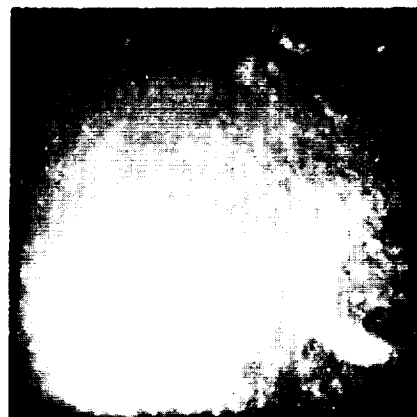
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AS12- 54-8059



AS12- 54-8060



AS12- 54-8061



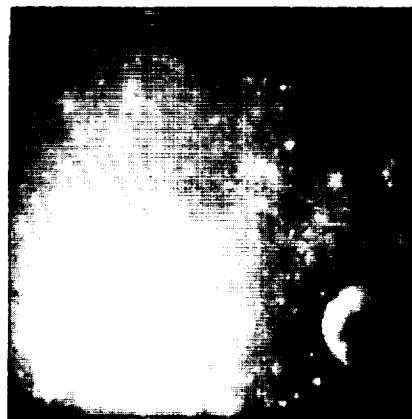
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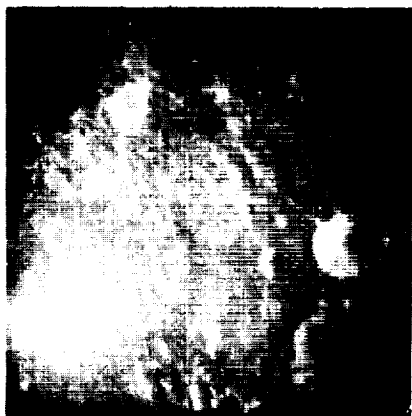
AS12- 54-8063



AS12-54-8064



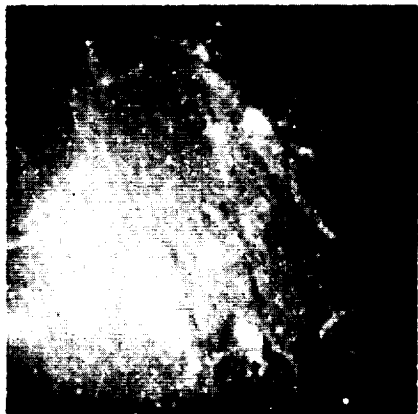
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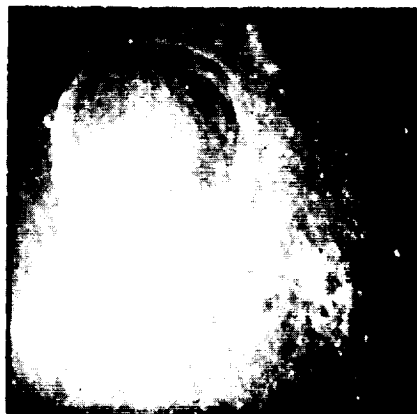
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AS12- 54-8067



AS12- 54-8068



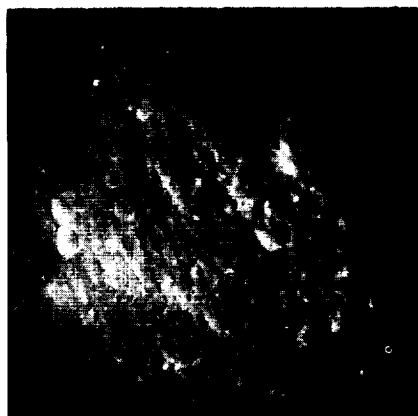
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AS12- 54-8070



AS12- 54-8071



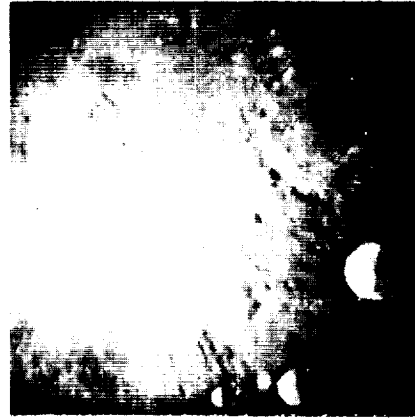
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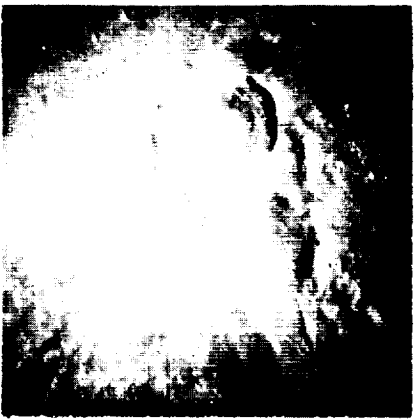
AS12- 54-8073



AS12-54-8074



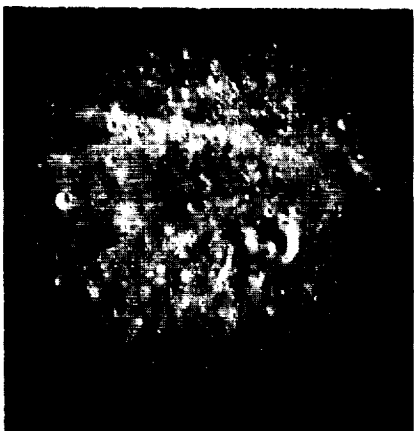
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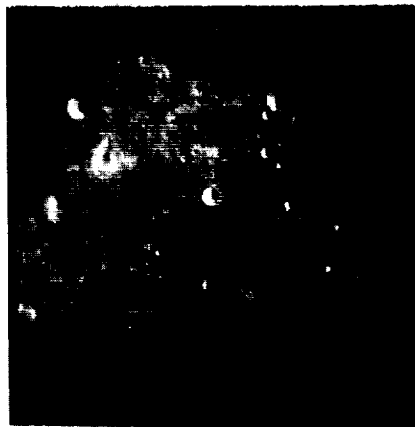
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AS12-54-8077



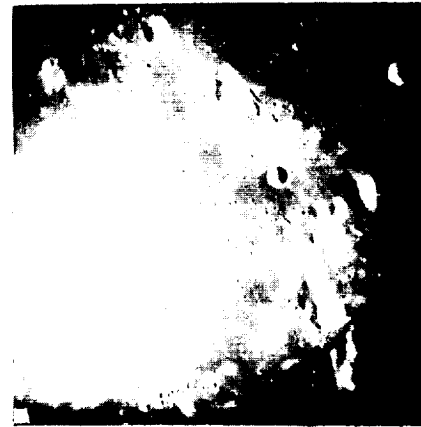
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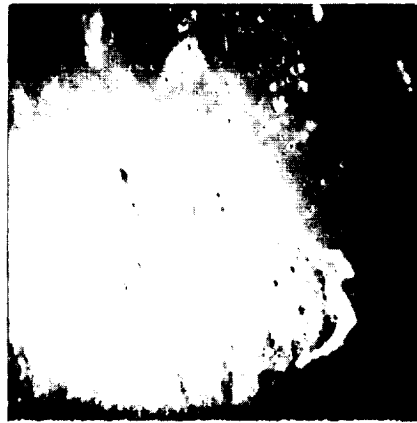
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AS12-54-8080



AS12-54-8081



AS12-54-8082



AS12-54-8083



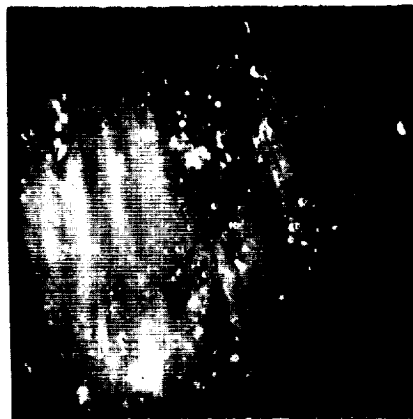
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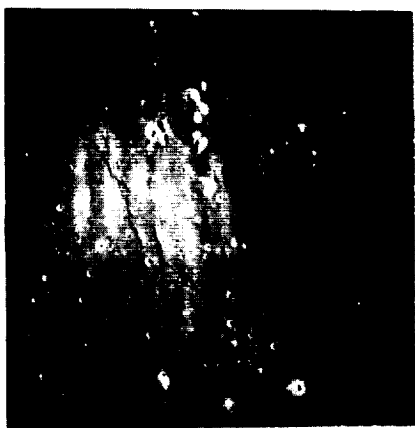
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AS12-54-8086



AS12- 54-8087



AS12- 54-8088



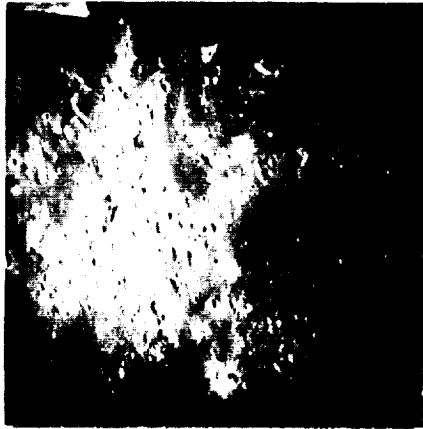
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AS12-54-8090



AS12- 54-8091



AS12- 54-8092



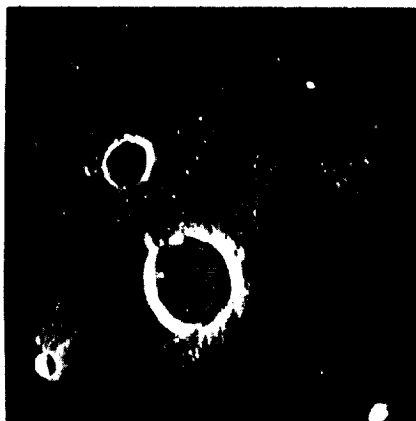
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AS12- 54-8094



AS12- 54-8095



AS12- 54-8096



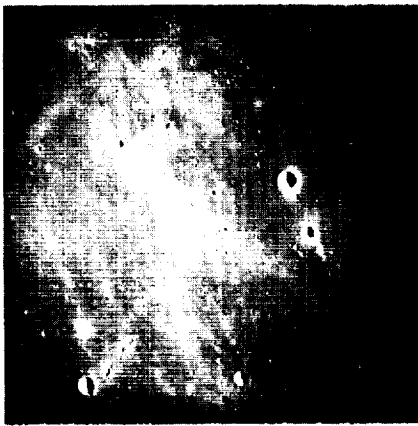
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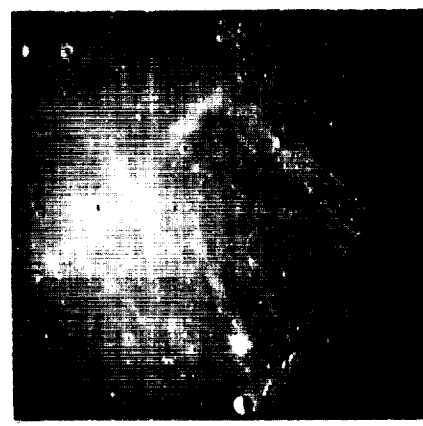
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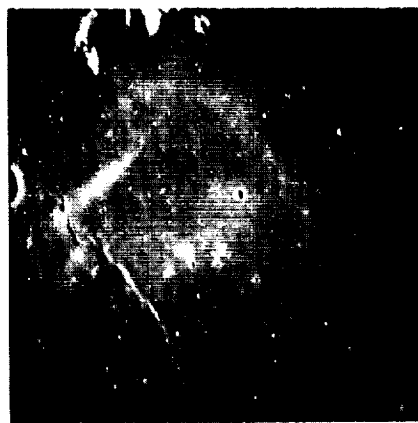
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AS12- 54-8100



AS12- 54-8101



AS12- 54-8102



AS12- 54-8103





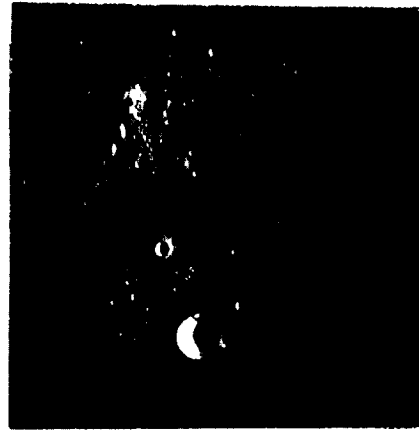
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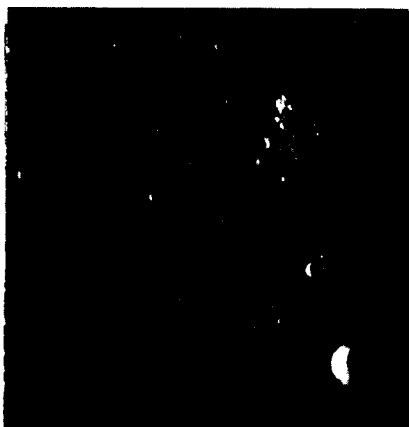
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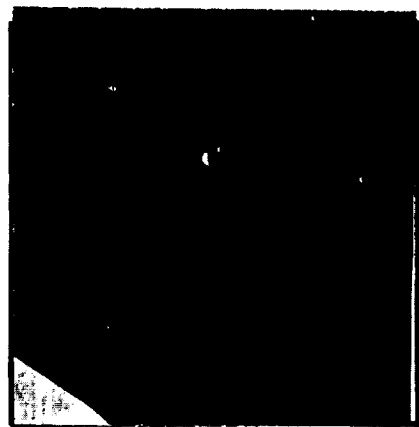
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AS12- 54-8107



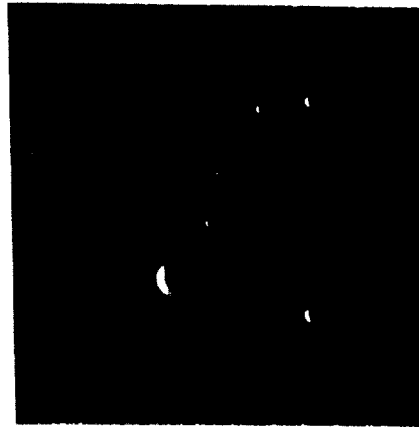
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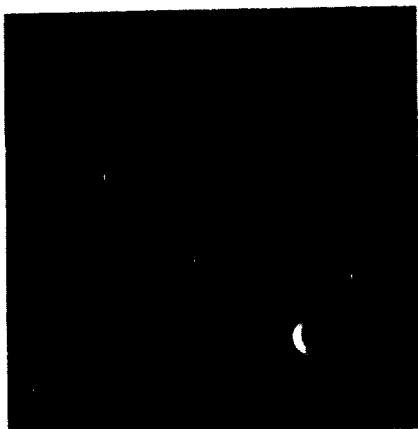
AS12- 54-8109



AS12- 54-8110



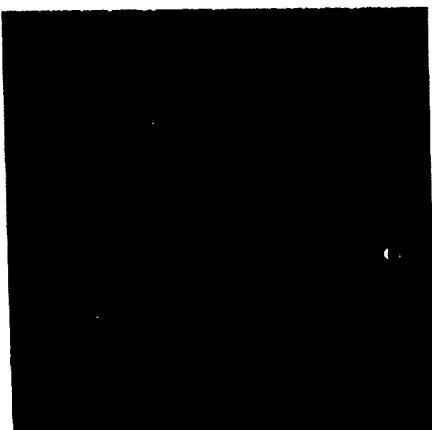
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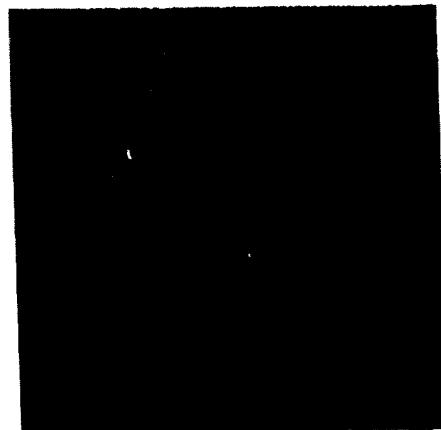
AS12- 54-8112



AS12- 54-8113



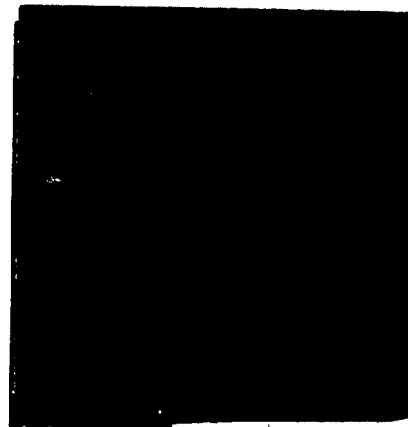
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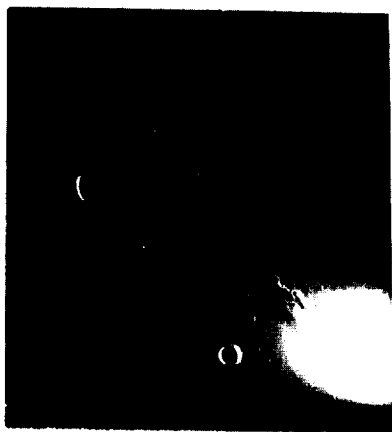
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AS12- 54-8116



AS12- 54-8117



AS12- 54-8118



AS12- 54-8119



AS12- 54-8120



# **MAGAZINE**

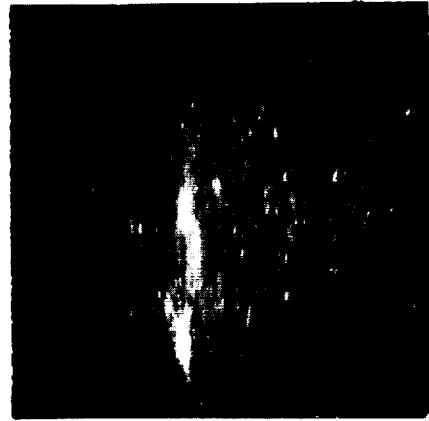
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**AS12-53-7763 thru AS12-53-7947**





AS12- 53-7763



AS12- 53-7764



AS12- 53-7765



AS12- 53-7766



AS12- 53-7767



AS12- 53-7768



AS12- 53-7769



AS12- 53-7770



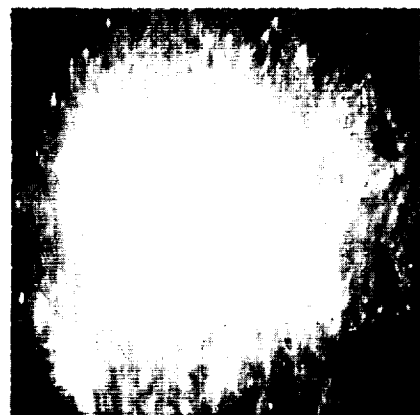
AS12- 53-7771



AS12- 53-7772

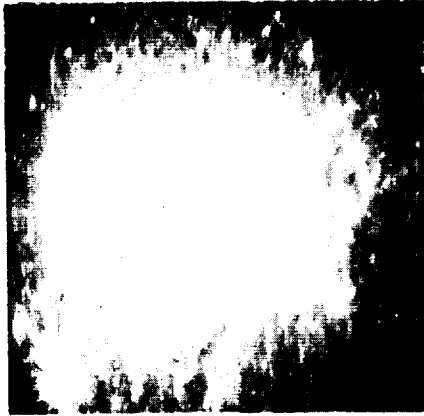


AS12- 53-7773

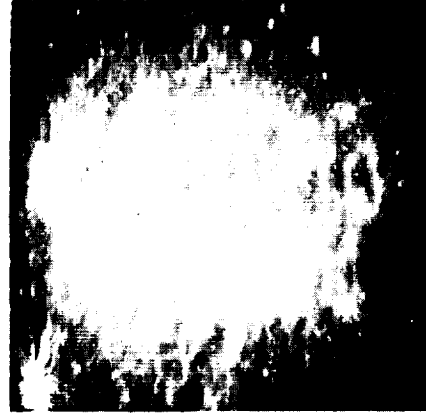


AS12- 53-7774

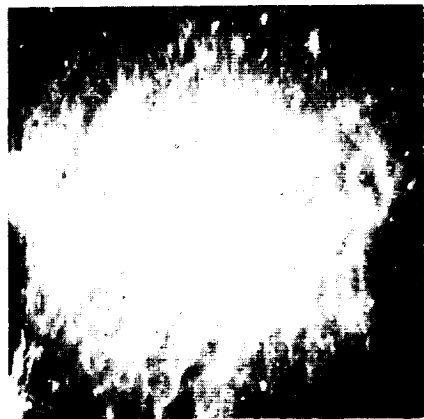




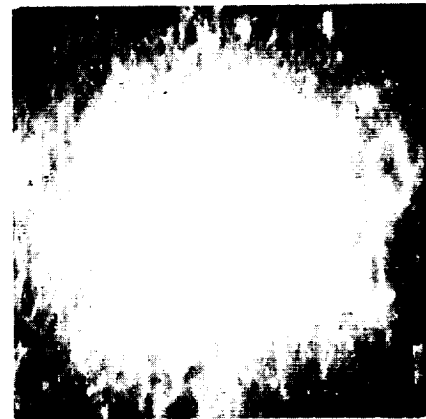
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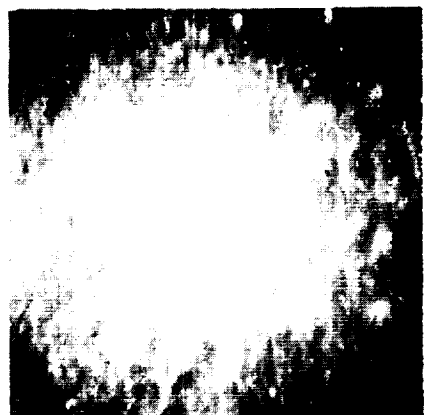
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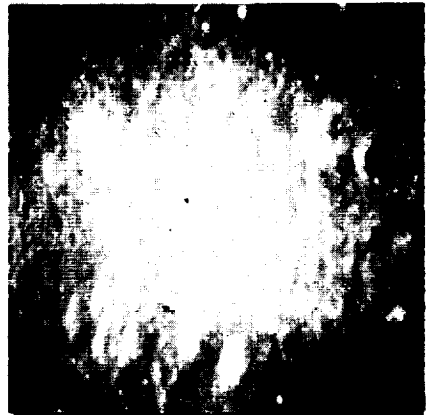
AS12- 53-7777



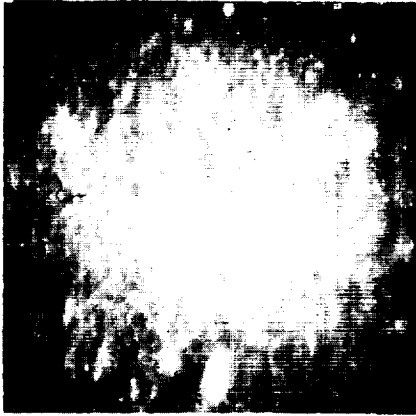
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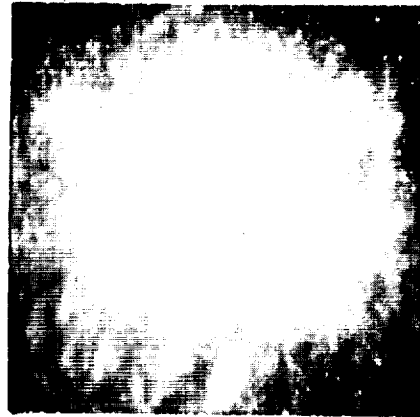
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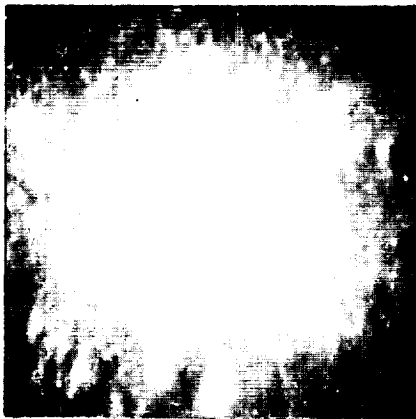
AS12- 53-7780



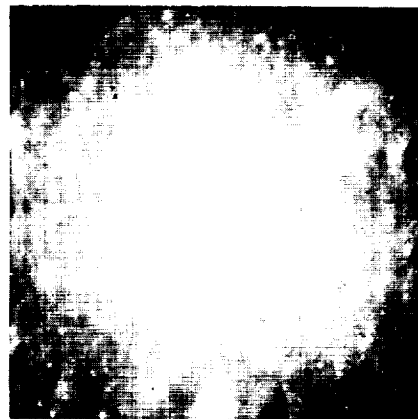
AS12- 53-7781



AS12- 53-7782



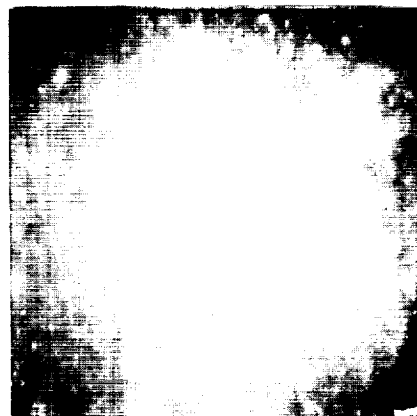
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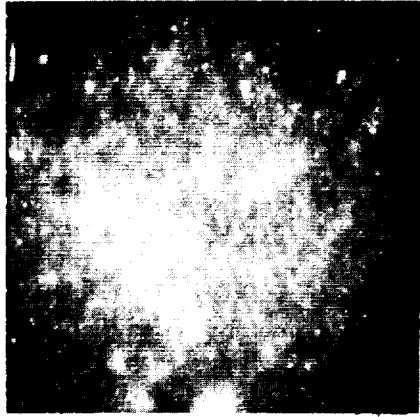
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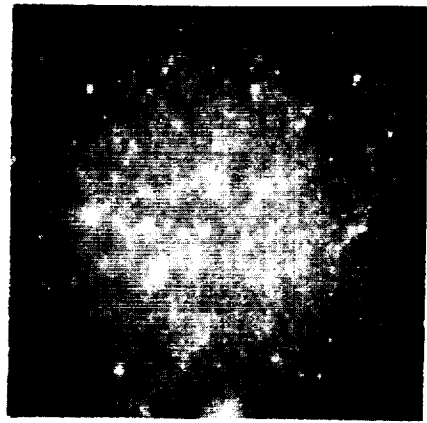
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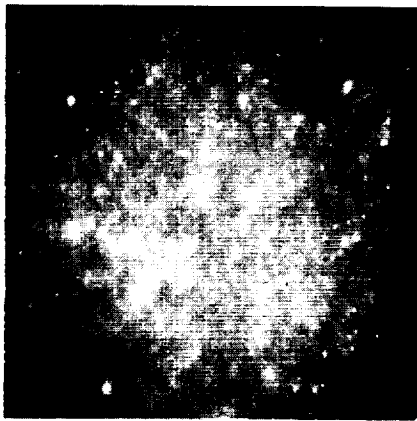
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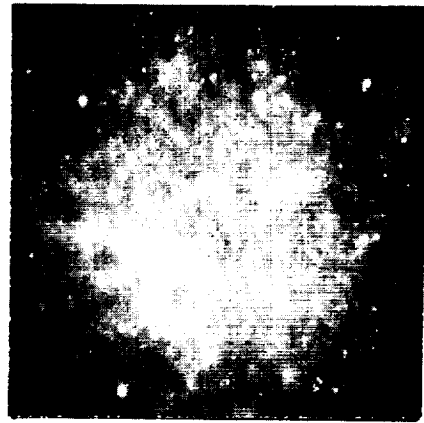
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AS12- 53-7788



AS12- 53-7789



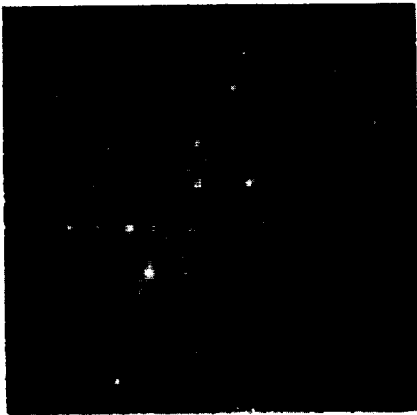
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AS12- 53-7791



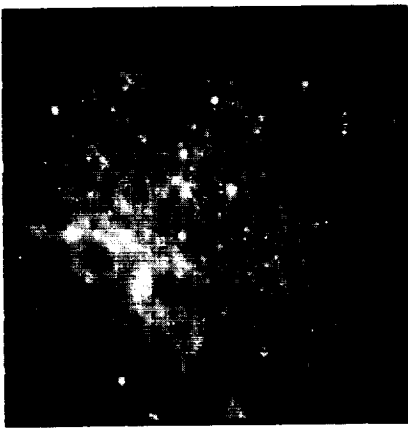
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AS12- 53-7793



AS12- 53-7794



AS12- 53-7795



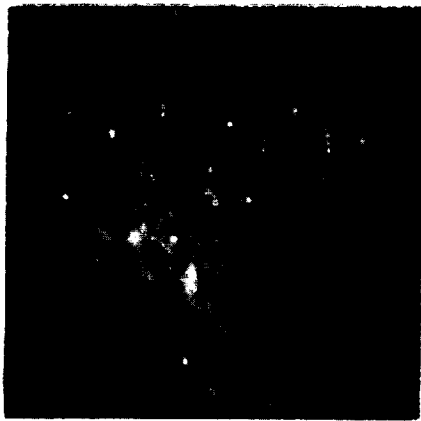
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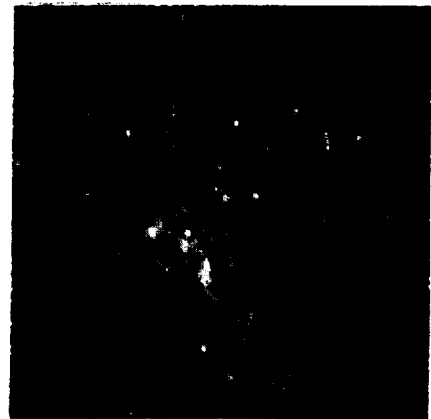
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AS12- 53-7798



AS12- 53-7799



AS12- 53-7800



AS12- 53-7801



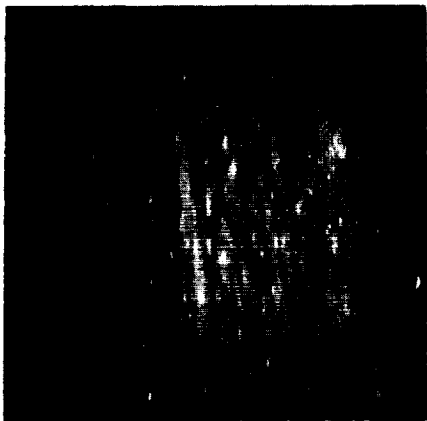
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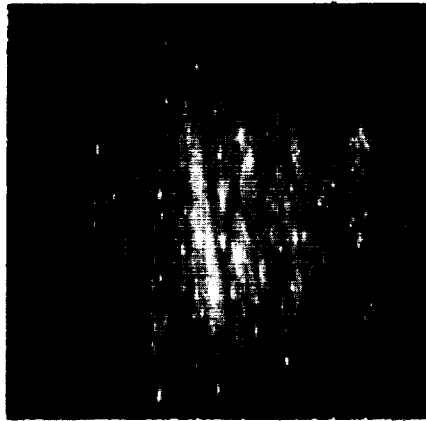
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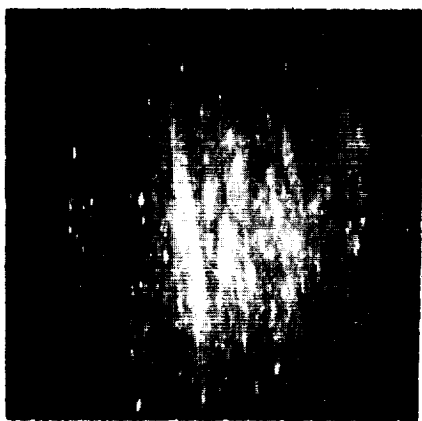
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AS12- 53-7805



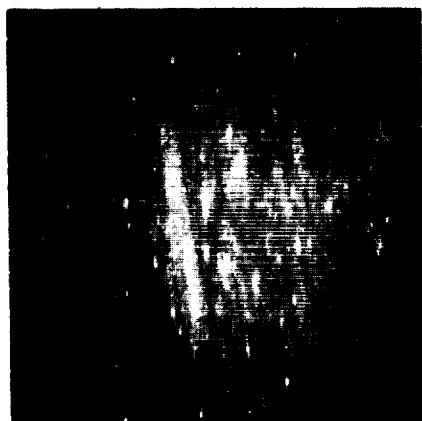
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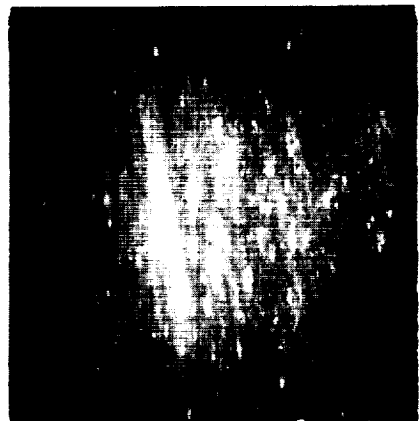
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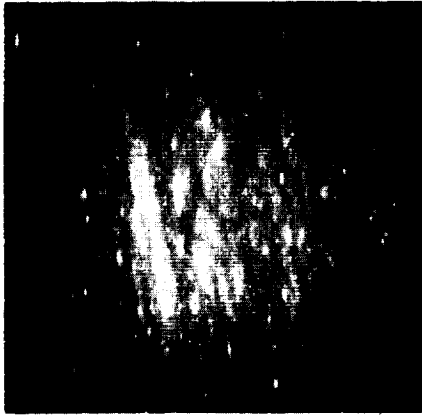
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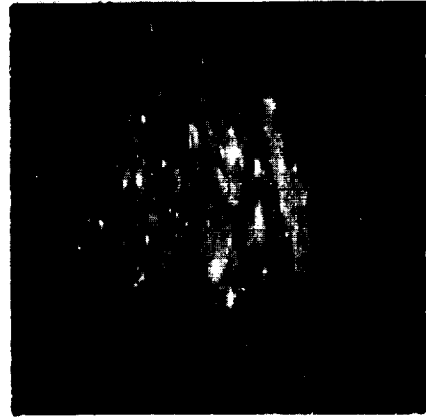
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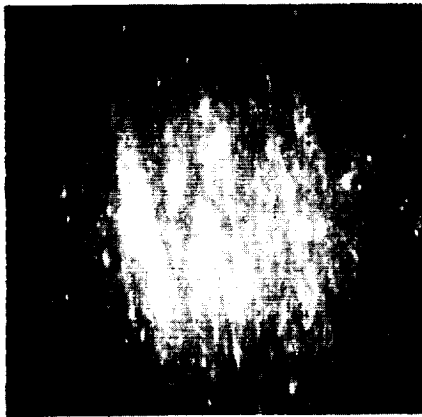
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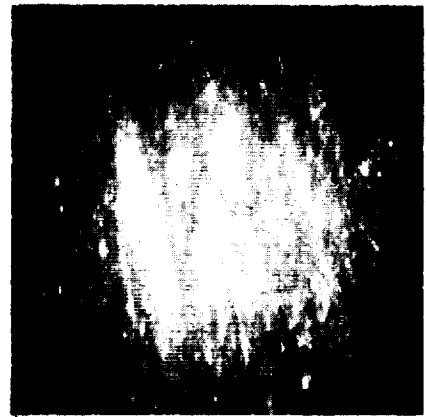
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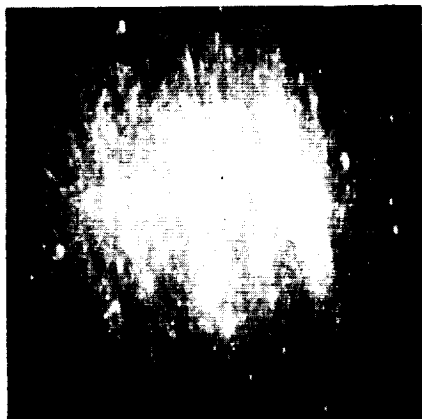
AS12- 53-7812



AS12- 53-7813



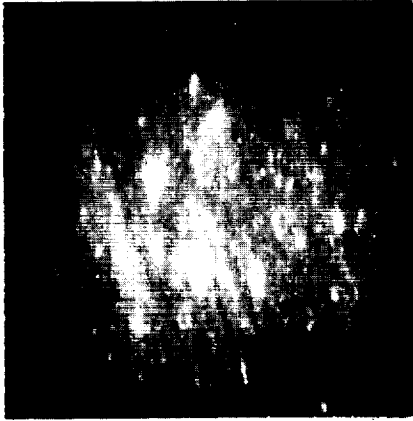
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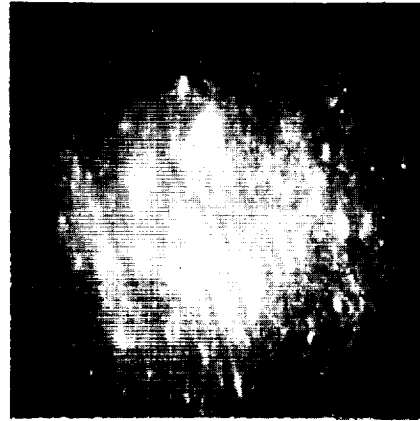
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AS12- 53-7816



AS12- 53-7817



AS12- 53-7818



AS12- 53-7819



AS12- 53-7820



AS12- 53-7821



AS12- 53-7822

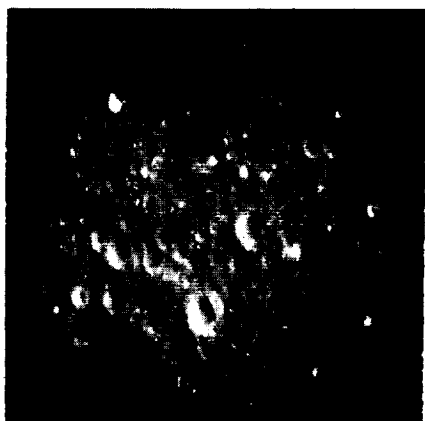




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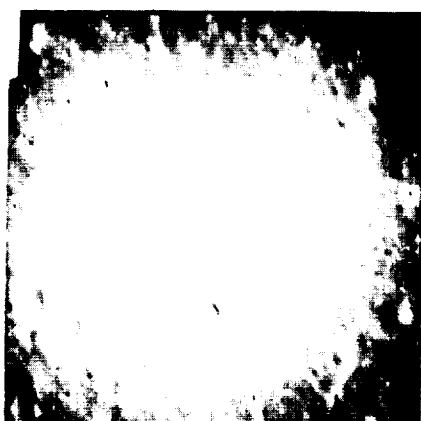
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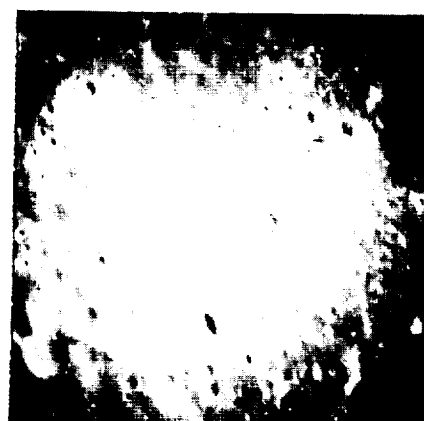
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AS12- 53-7826



AS12- 53-7827



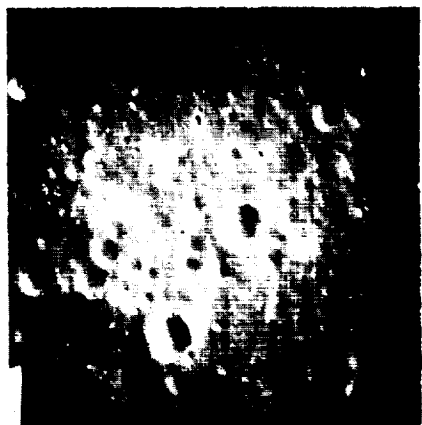
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AS12- 53-7829



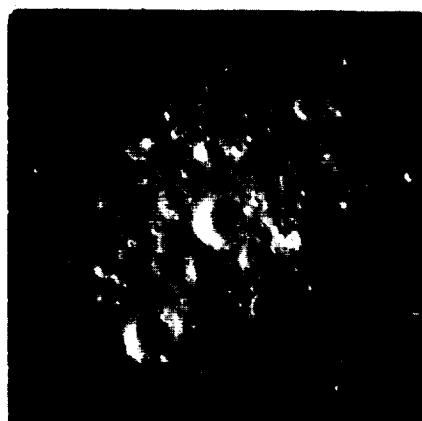
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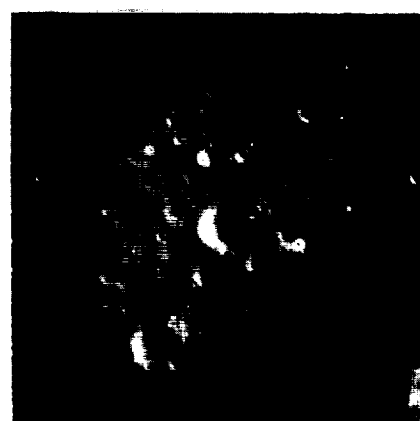
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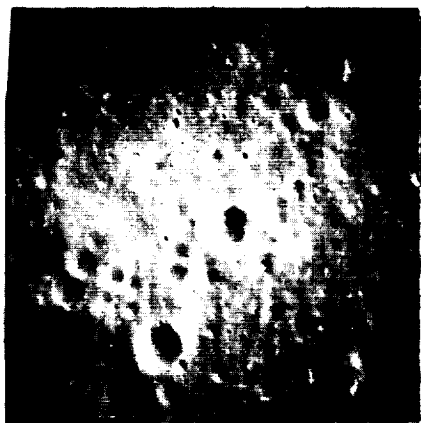
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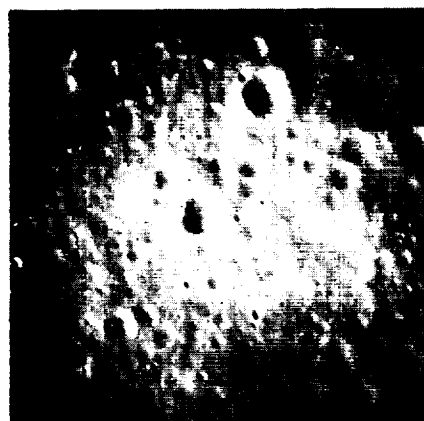
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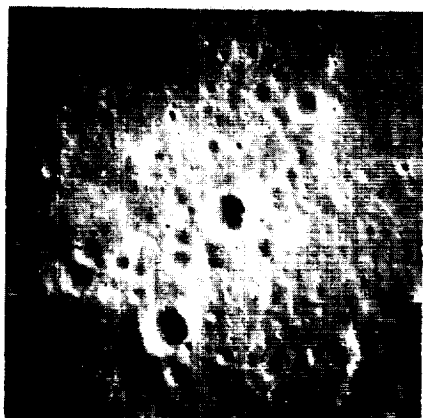
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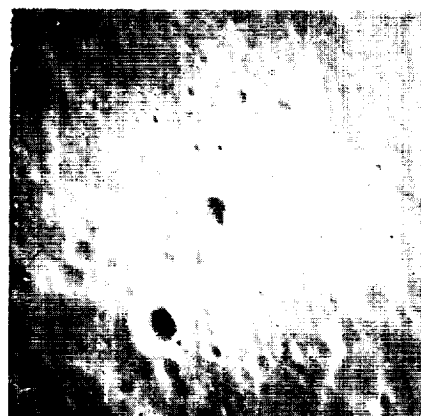
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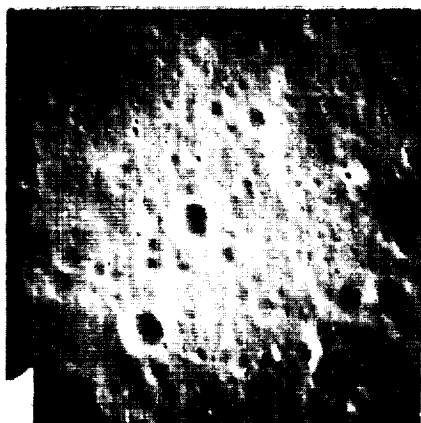
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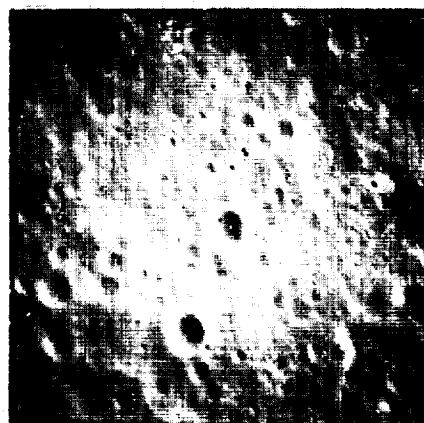
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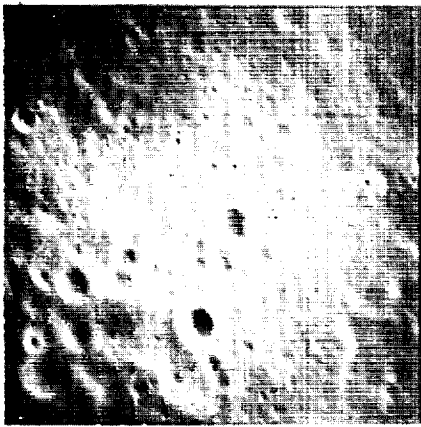
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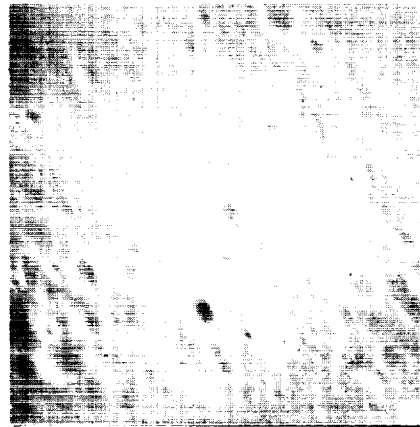
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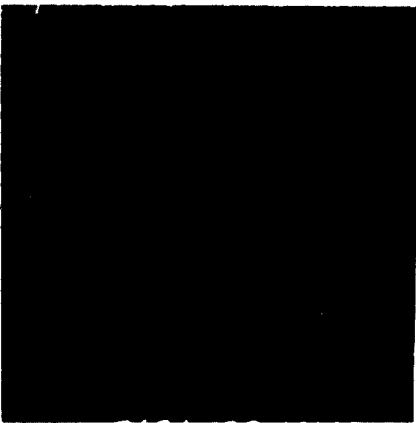
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AS12- 53-7841



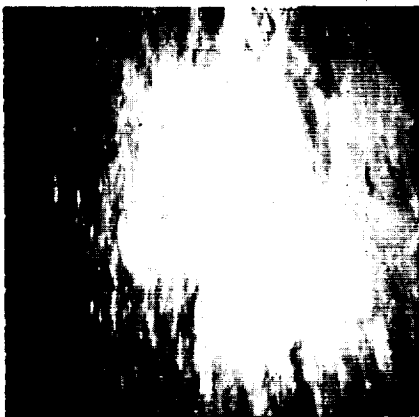
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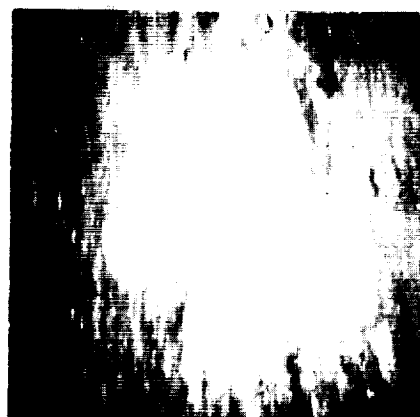
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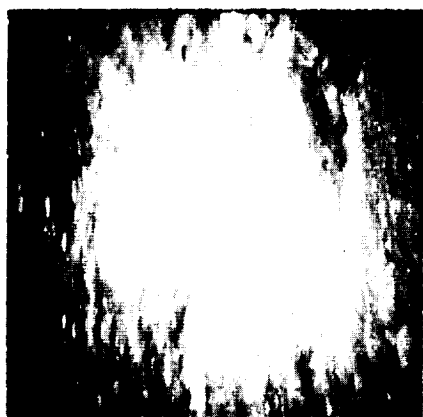
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AS12- 53-7845



AS12- 53-7846



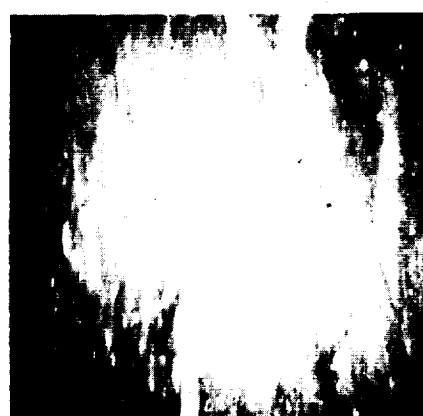
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AS12- 53-7848



AS12- 53-7849



AS12- 53-7850



AS12- 53-7851



AS12- 53-7852



AS12-53-7853



AS12-53-7854



AS12-53-7855



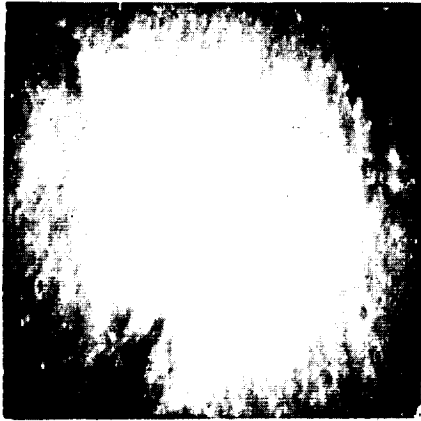
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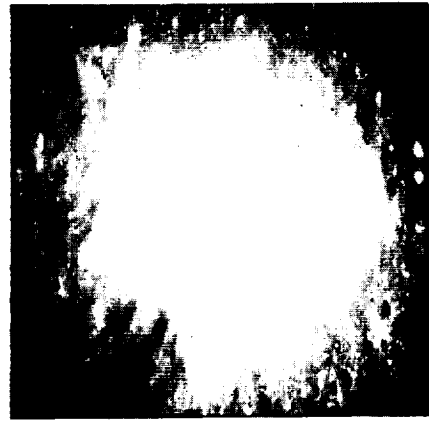
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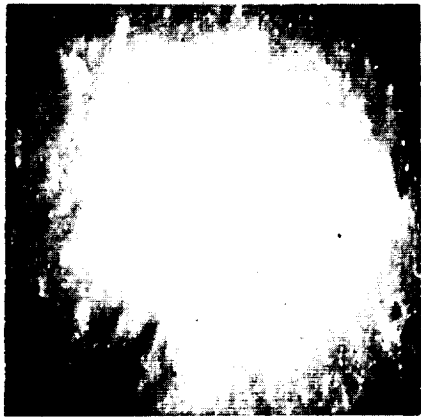
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AS12- 53-7859



AS12- 53-7860



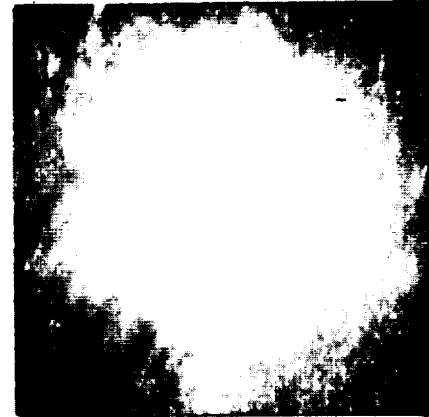
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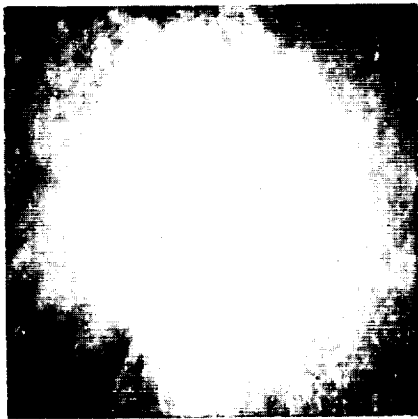
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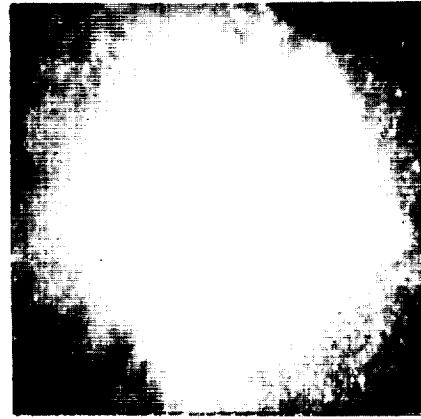
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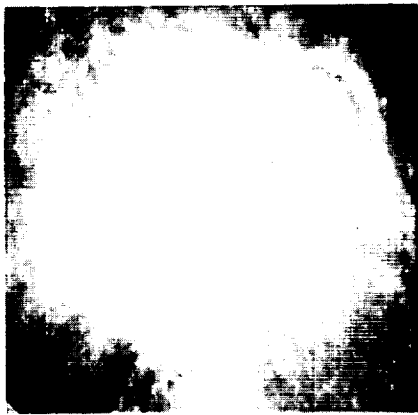
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AS12-53-7865



AS12-53-7866



AS12-53-7867



AS12-53-7868



AS12-53-7869

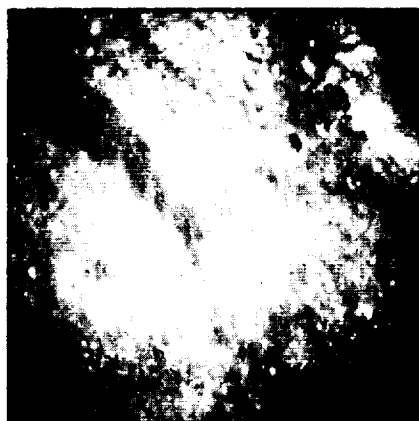


AS12-53-7870





AS12- 53-7871



AS12- 53-7872



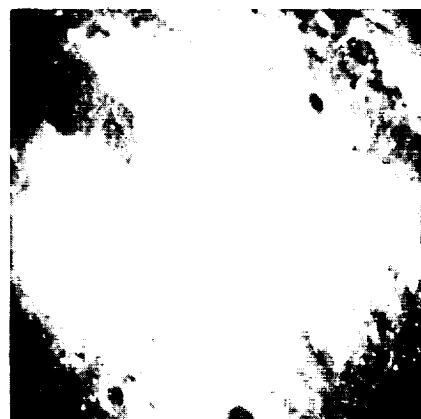
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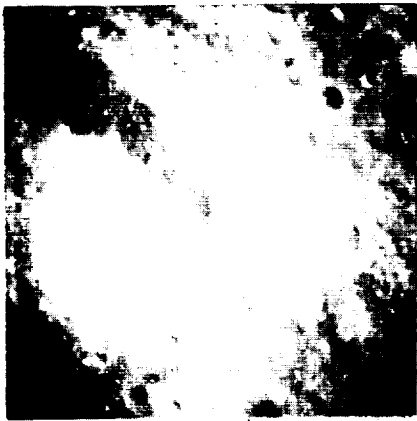
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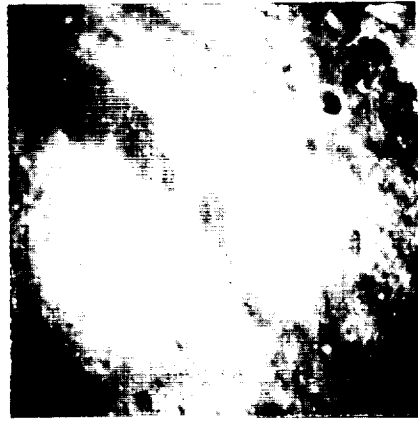
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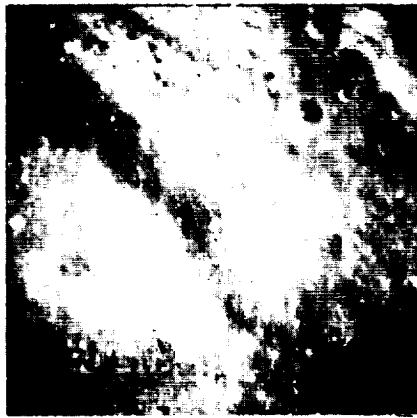
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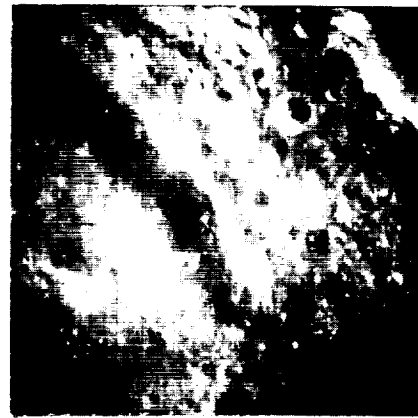
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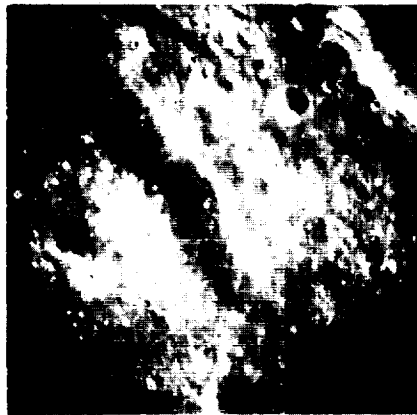
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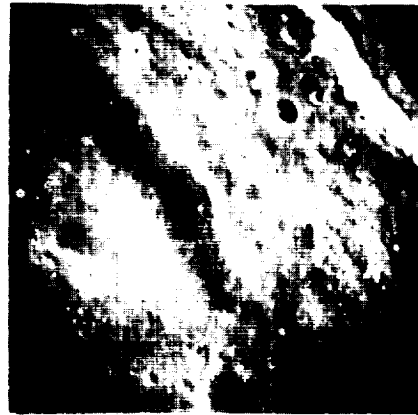
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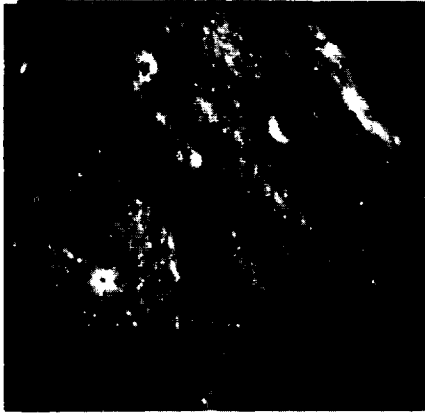
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AS12-53-7881



AS12-53-7882



AS12- 53-7883



AS12- 53-7884



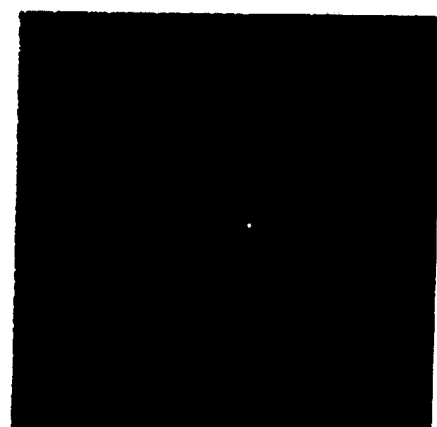
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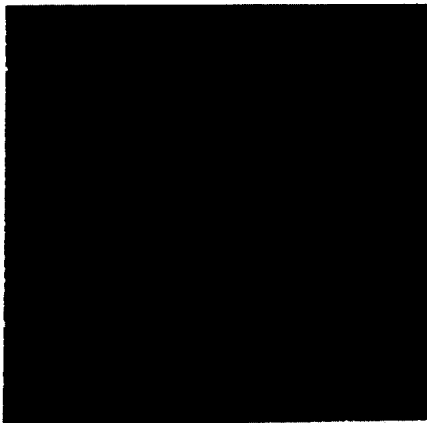
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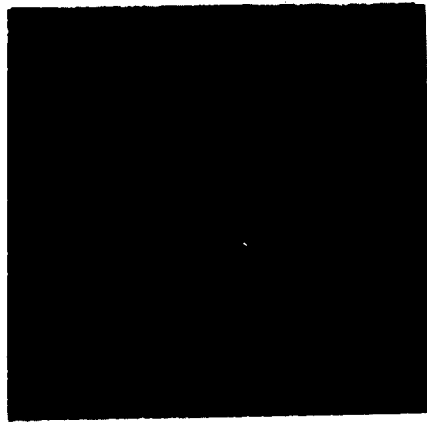
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AS12- 53-7888



AS12-53-7889



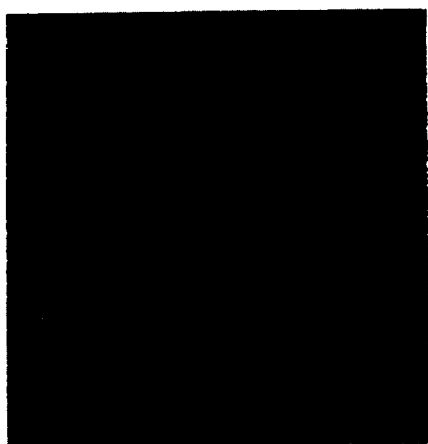
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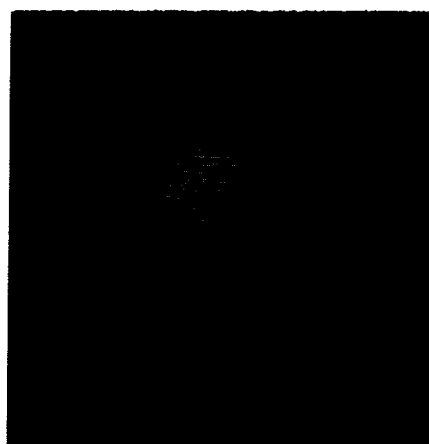
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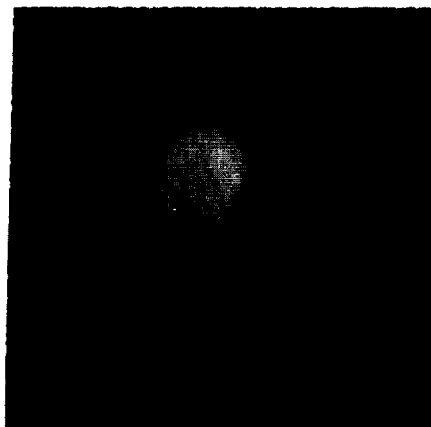
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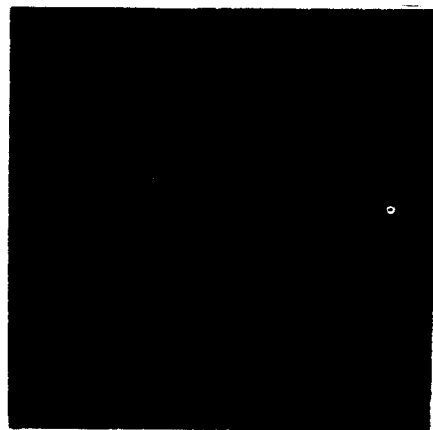
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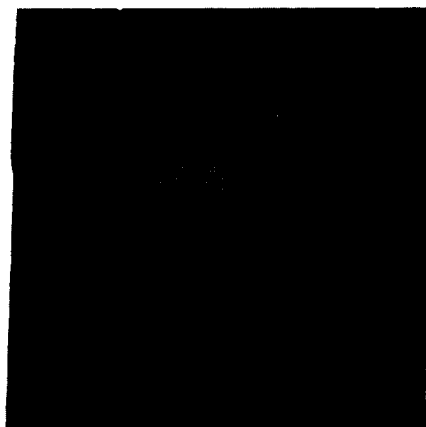
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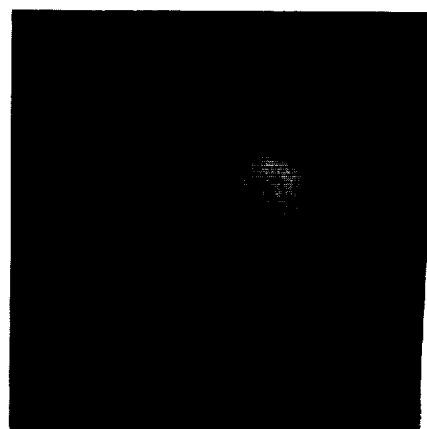
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AS12-53-7896



AS12-53-7897



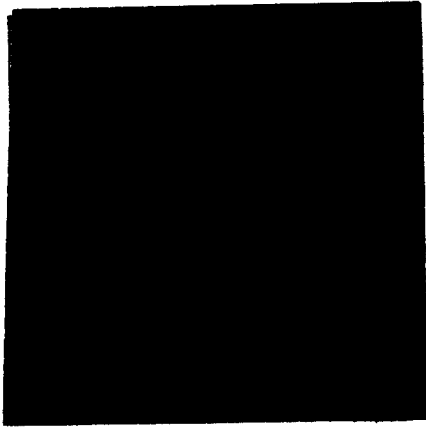
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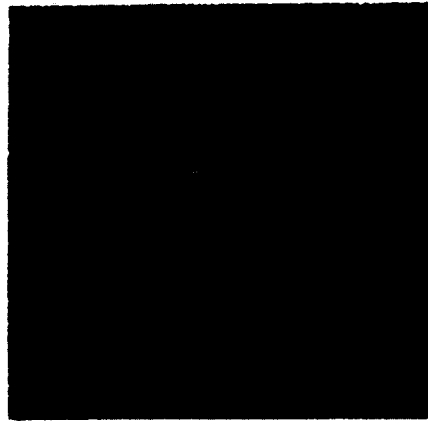
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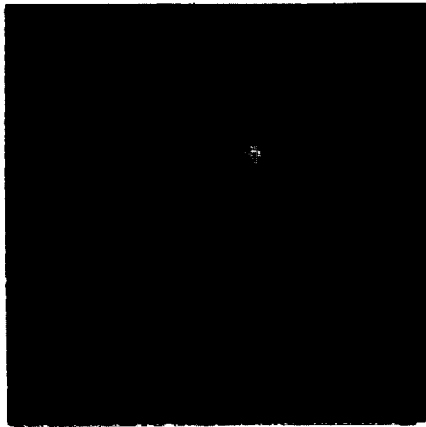
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AS12-53-7901



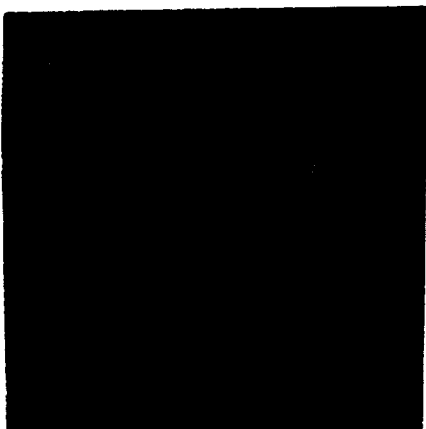
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AS12-53-7903



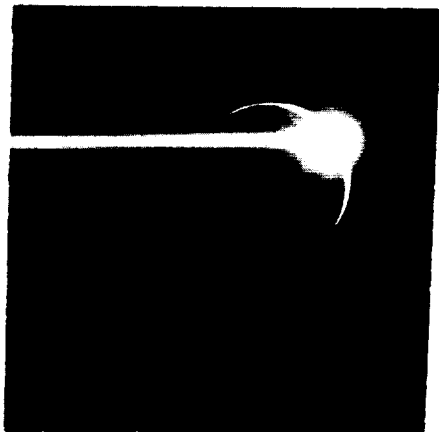
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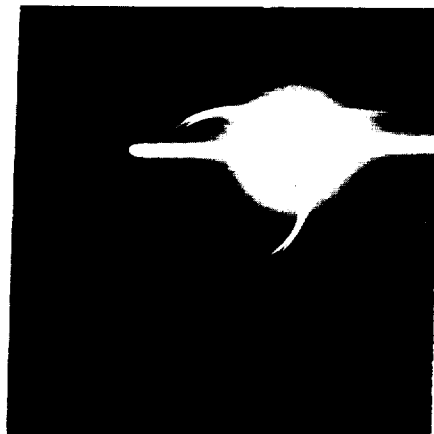
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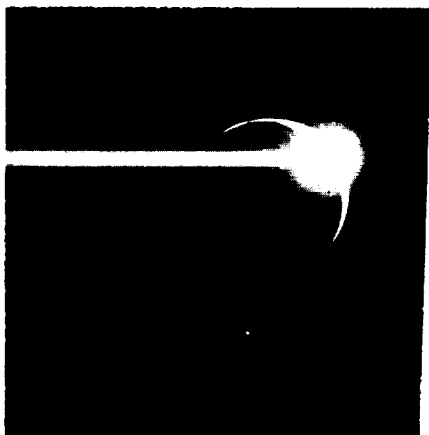
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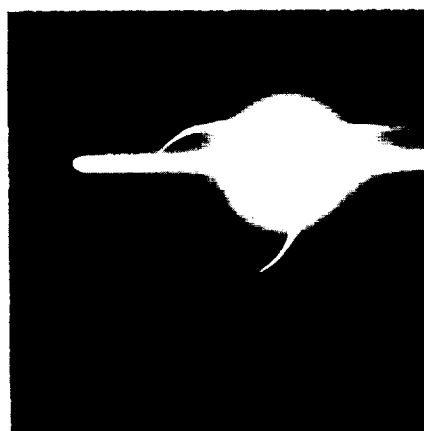
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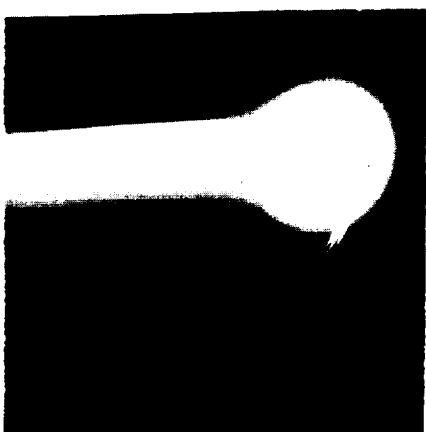
AS12- 53-7908



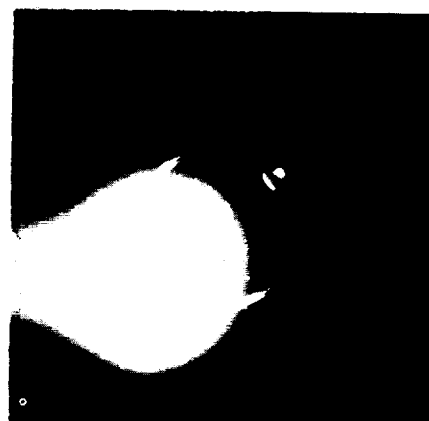
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AS12- 53-7910



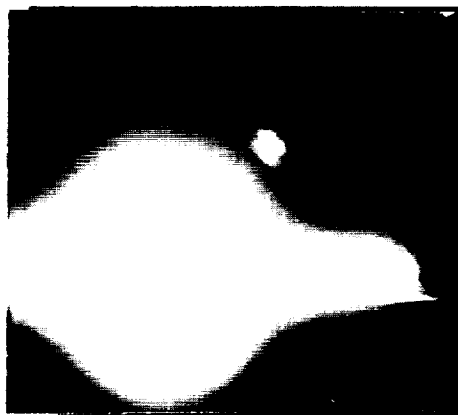
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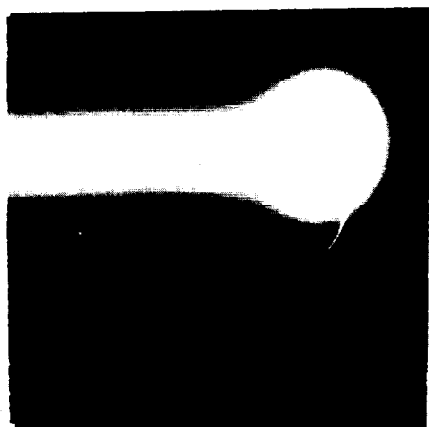
AS12- 53-7912



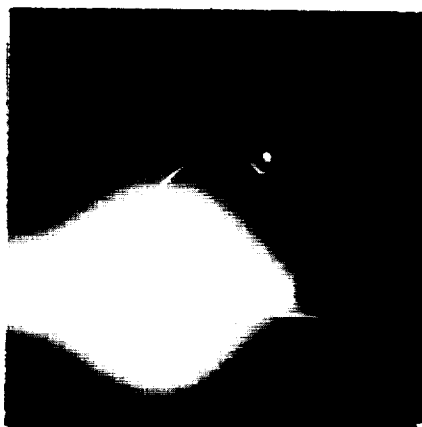
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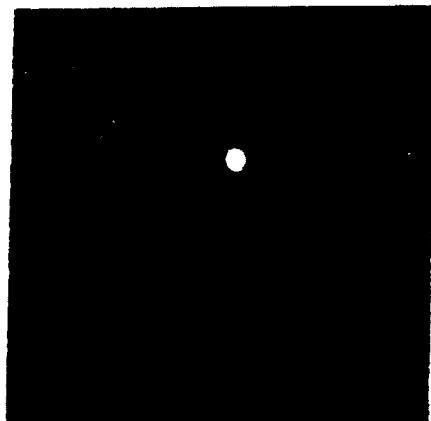
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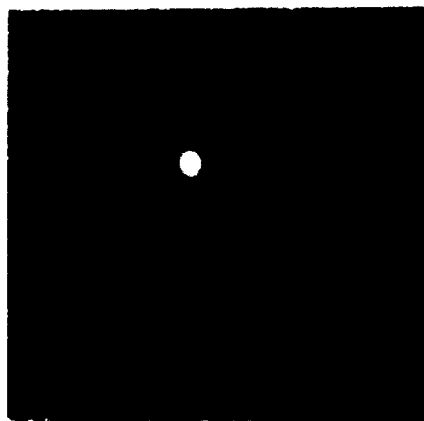
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AS12- 53-7916

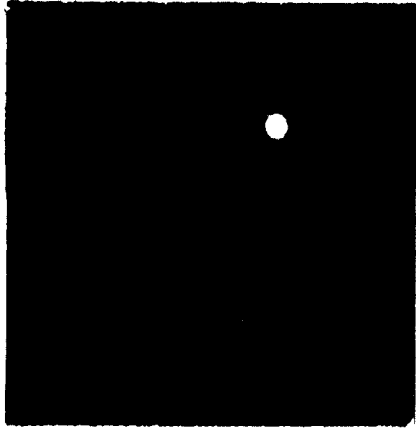


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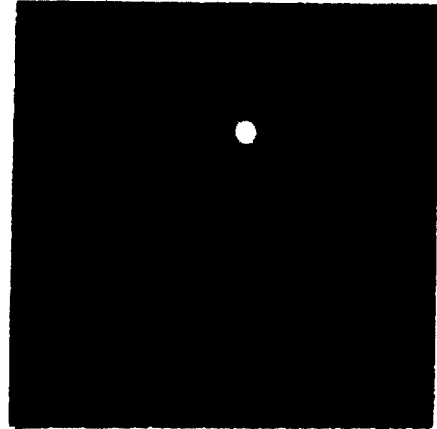


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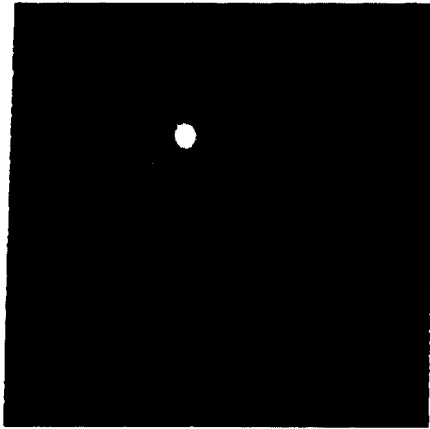




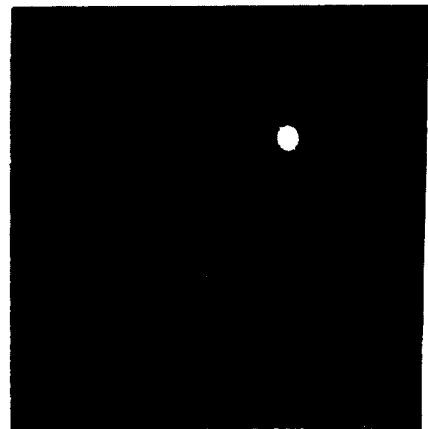
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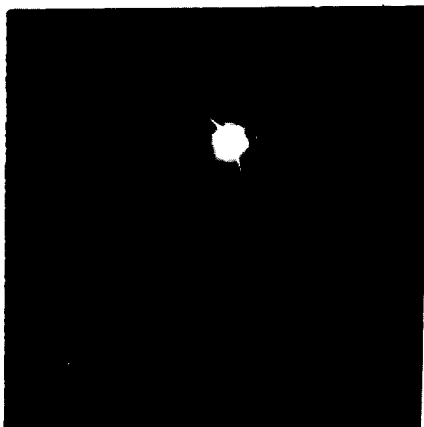
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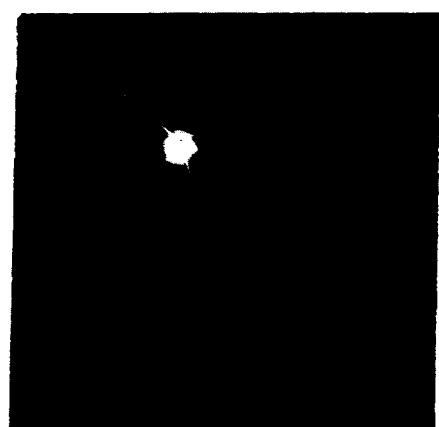
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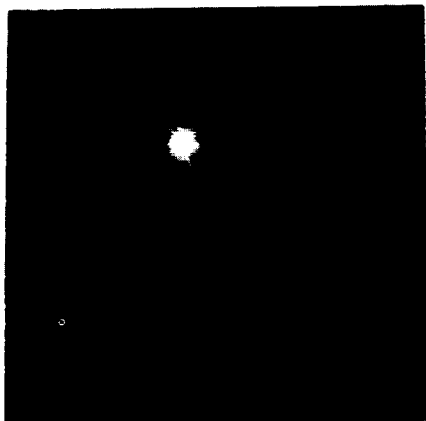
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AS12- 53-7923



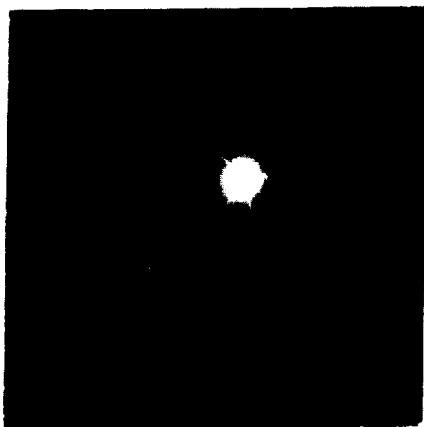
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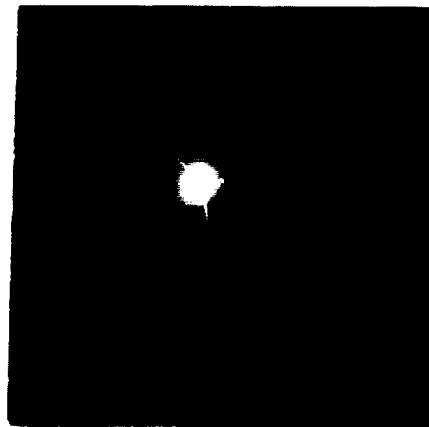
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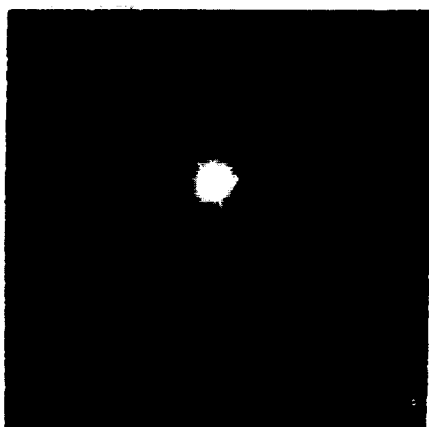
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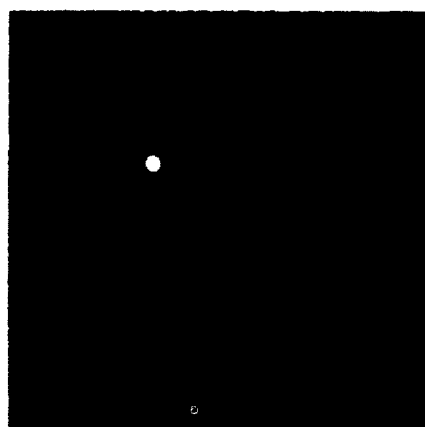
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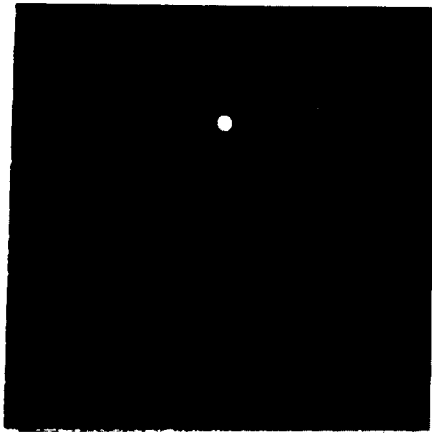
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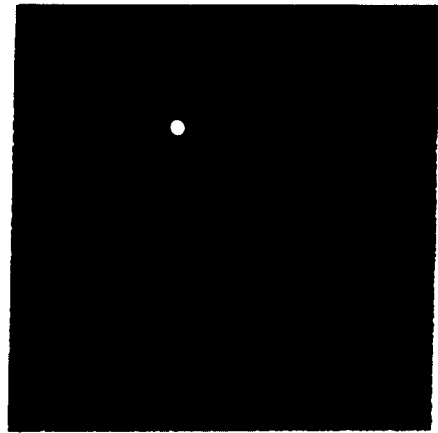
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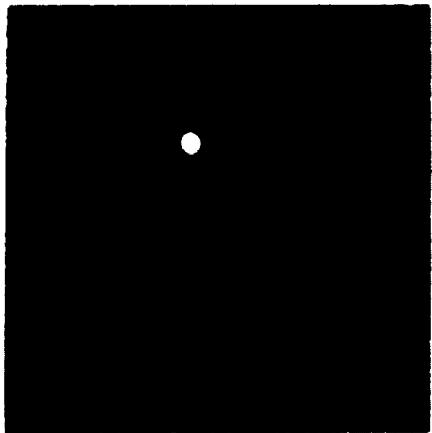
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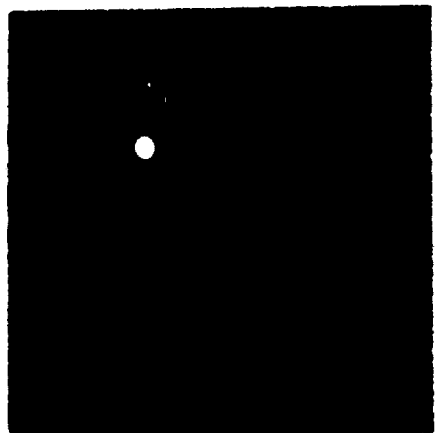
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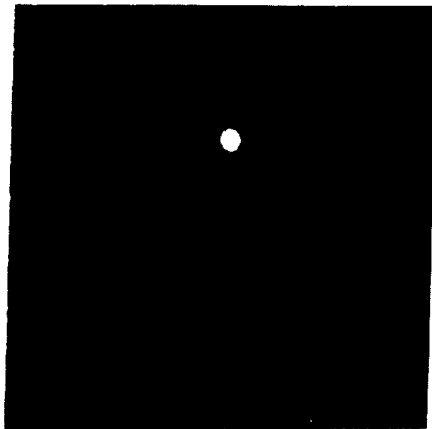
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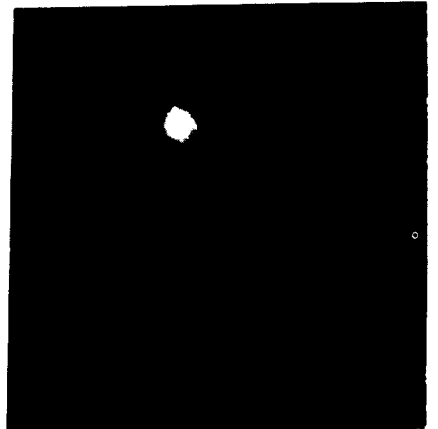
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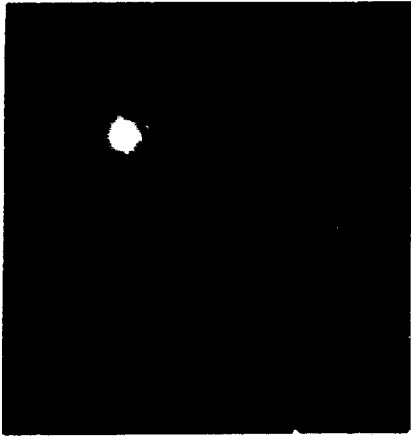
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AS12-53-7935



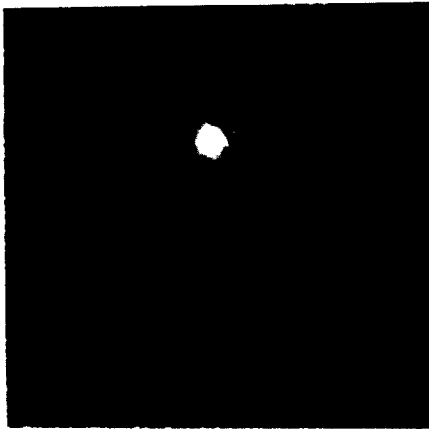
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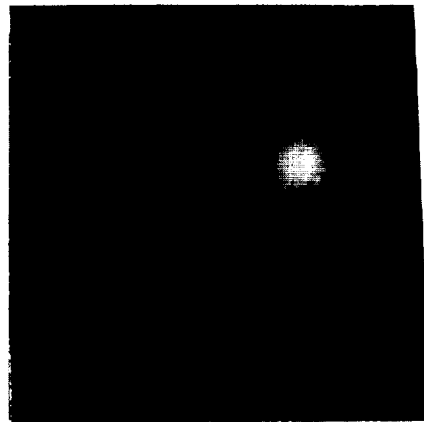
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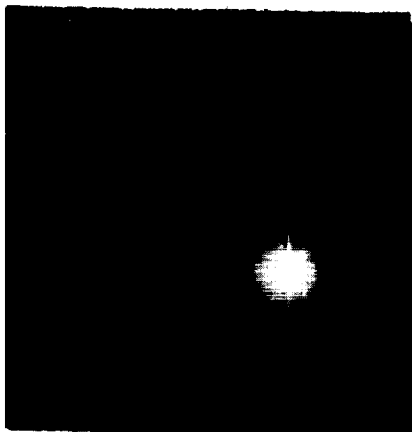
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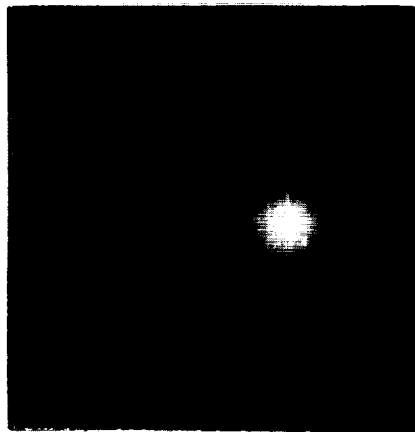
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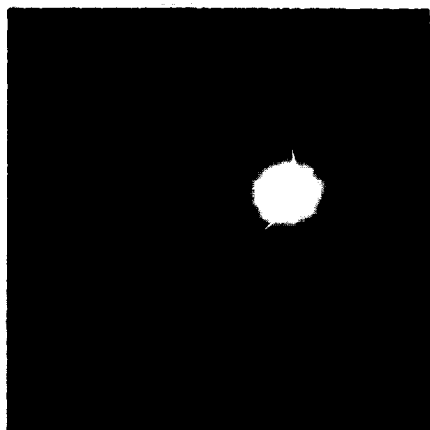
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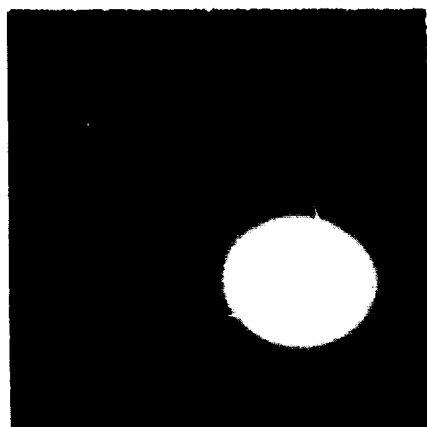
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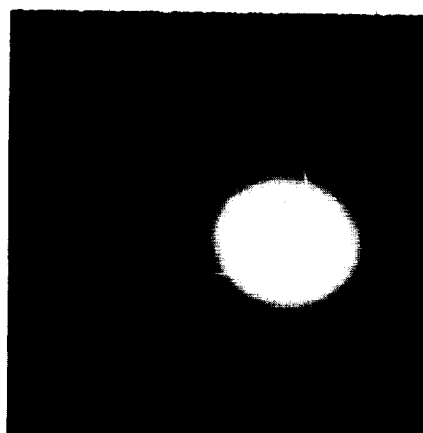
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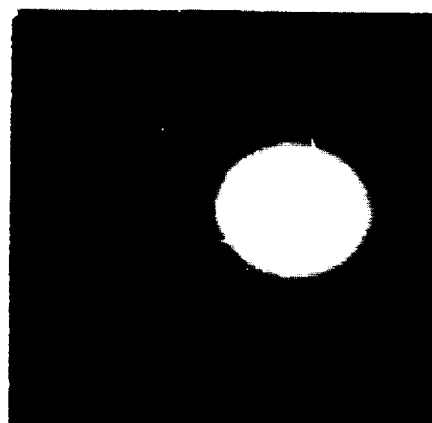
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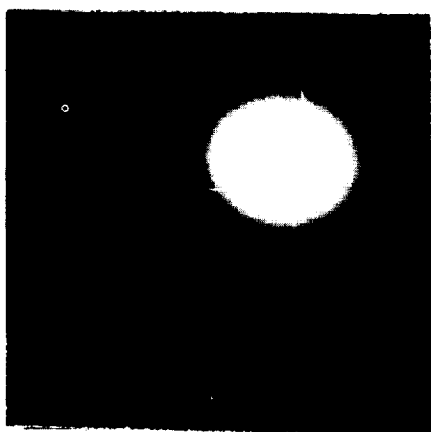
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AS12-53-7945



AS12-53-7946



AS12-53-7947



**MAGAZINE**



**AS12-47-6869 thru AS12-47-7021**







AS12-47-6869



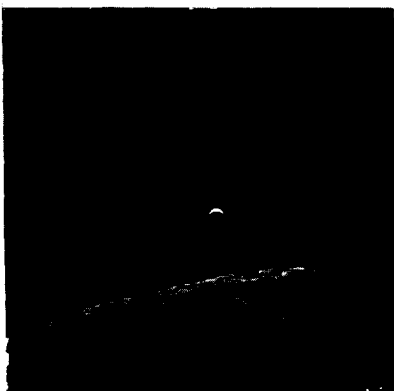
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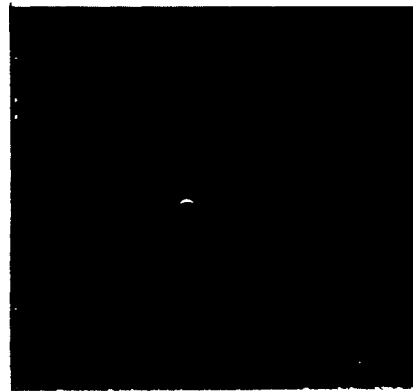
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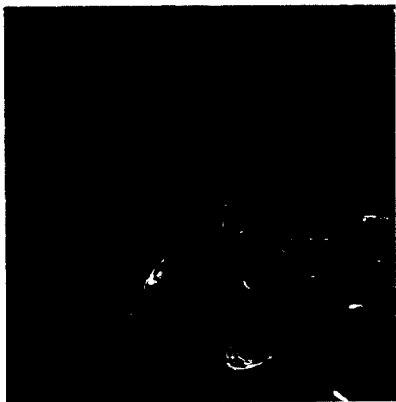
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AS12-47-6873



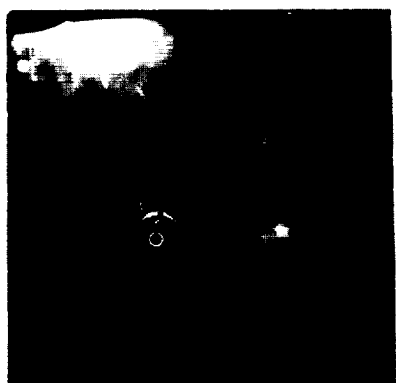
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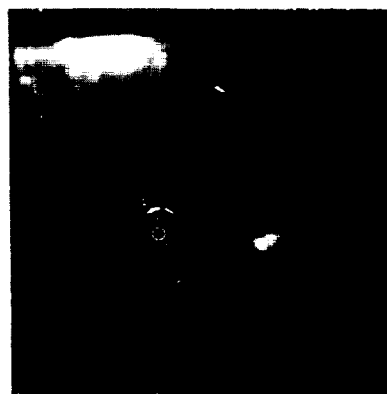
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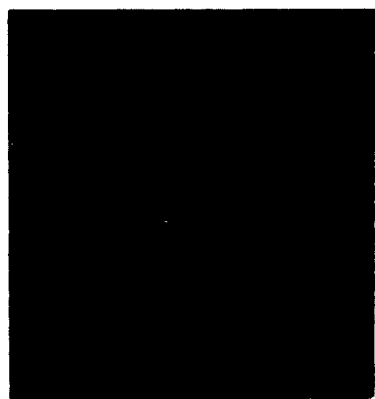
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AS12-47-6877



AS12-47-6878



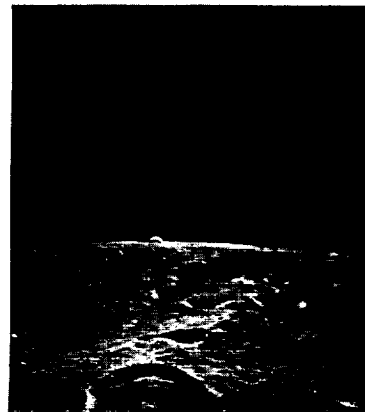
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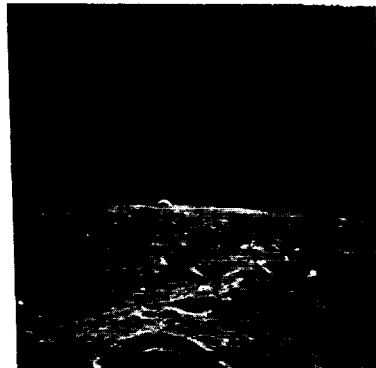
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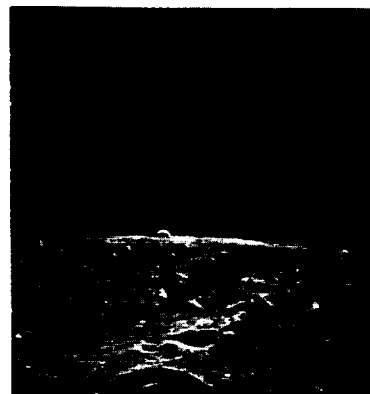
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AS12-47-6882



AS12-47-6883



AS12-47-6884



AS12-47-6885



AS12-47-6886



AS12- 47-6887



AS12- 47-6888



AS12- 47-6889



AS12- 47-6890



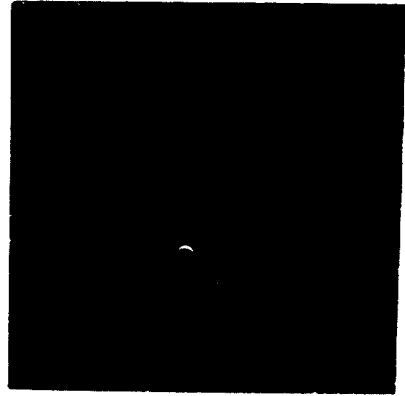
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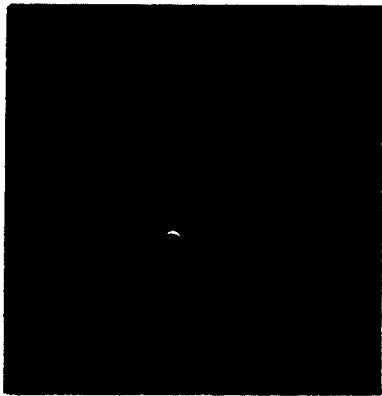
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AS12- 47-6893



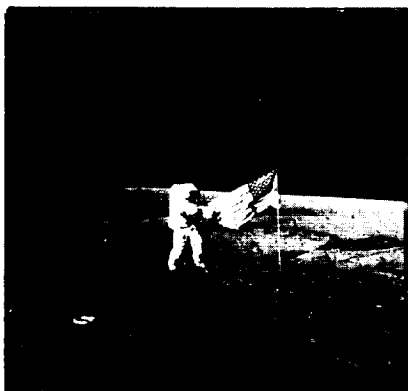
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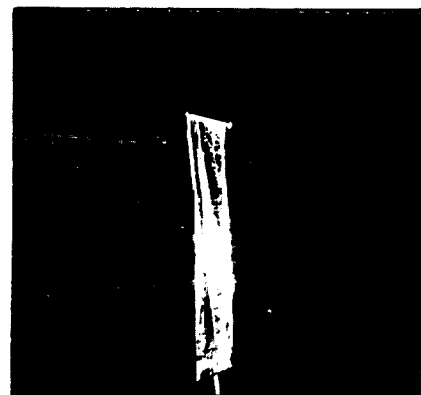
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AS12- 47-6896



AS12- 47-6897



AS12- 47-6898



AS12- 47-6899



AS12- 47-6900



AS12- 47-6901



AS12- 47-6902



AS12- 47-6903



AS12- 47-6904



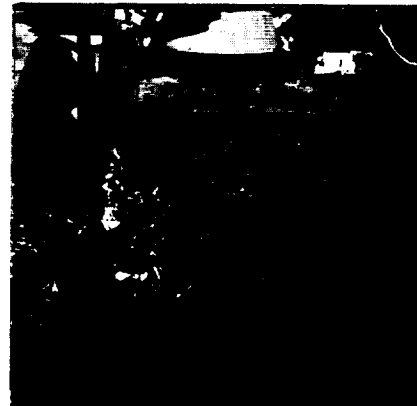
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AS12- 47-6906



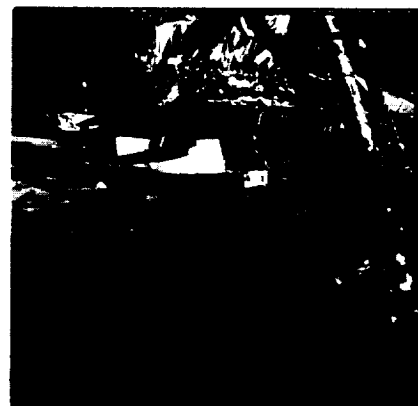
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AS12- 47-6908



AS12- 47-6909



AS12- 47-6910



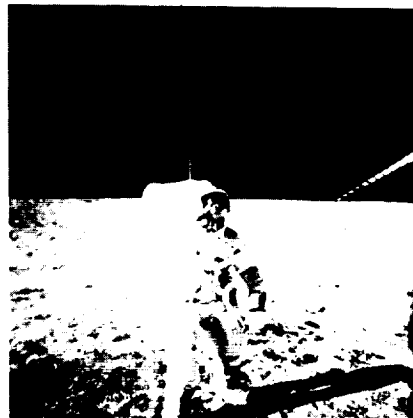
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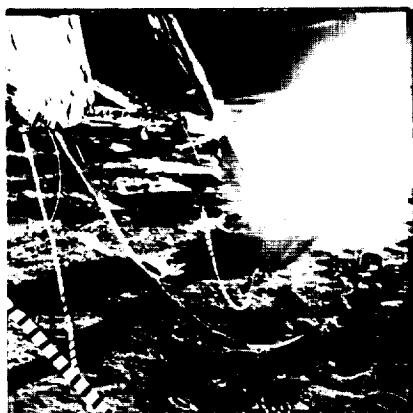
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AS12-47-6913



AS12-47-6914



AS12-47-6915



AS12-47-6916





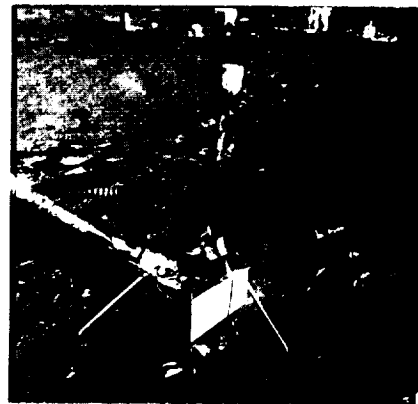
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AS12- 47-6918



AS12- 47-6919



AS12- 47-6920



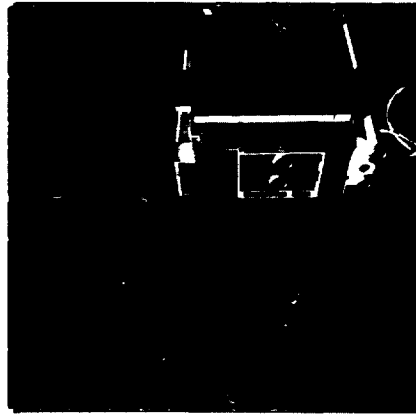
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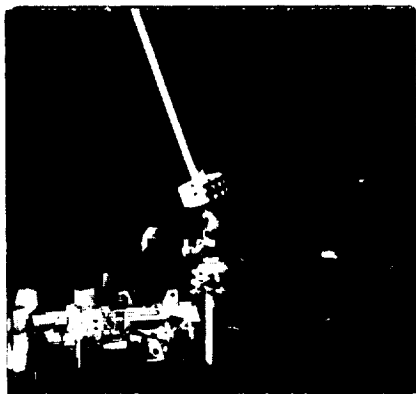
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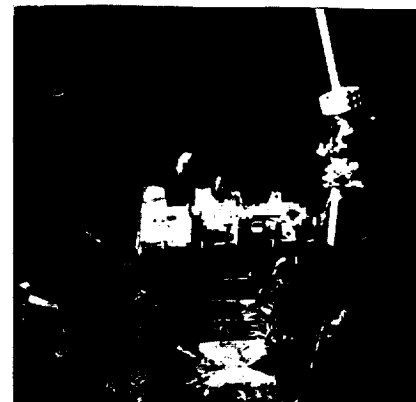
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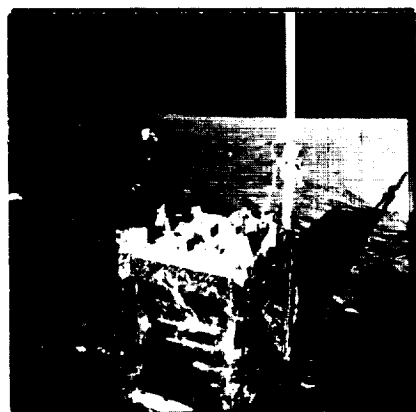
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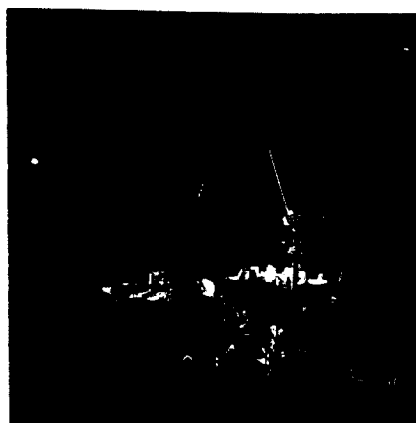
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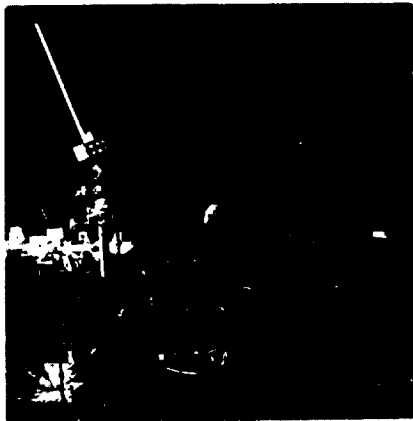
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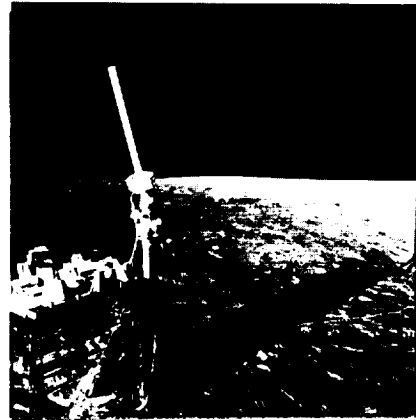
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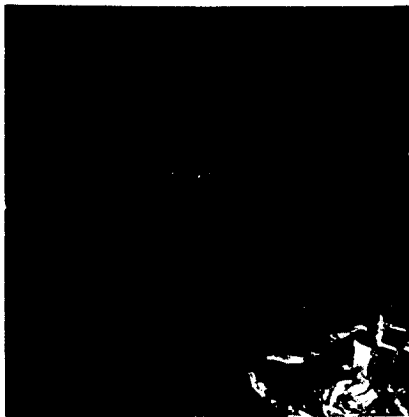
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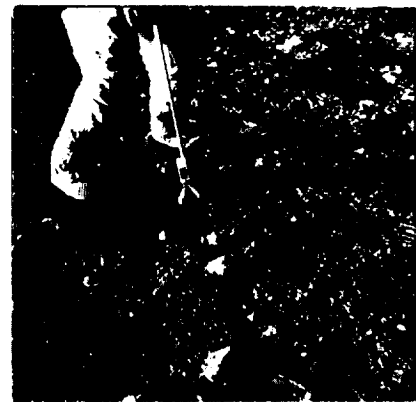
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AS12- 47-6930



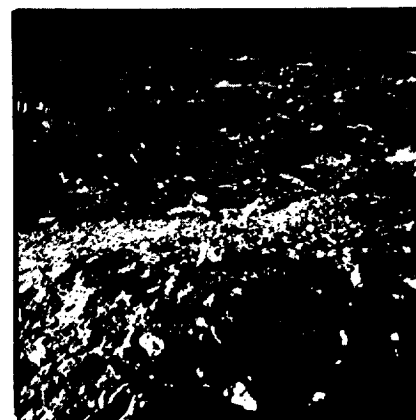
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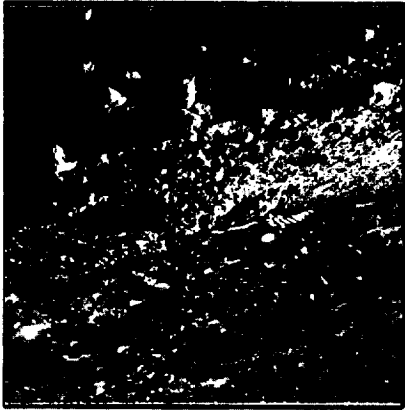
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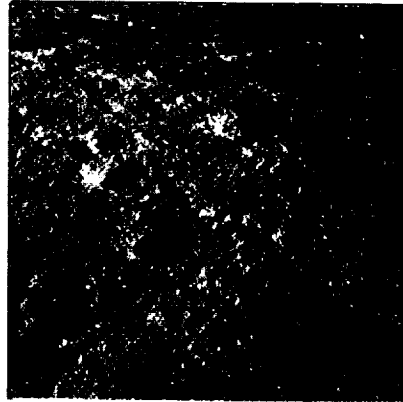
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AS12- 47-6934



AS12- 47-6935



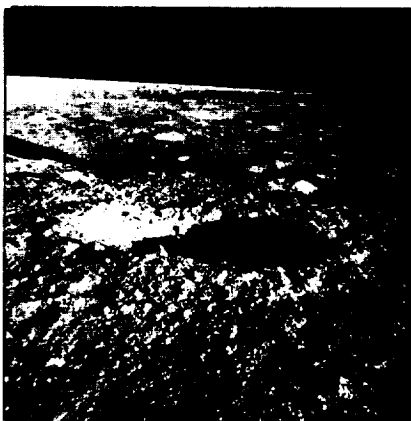
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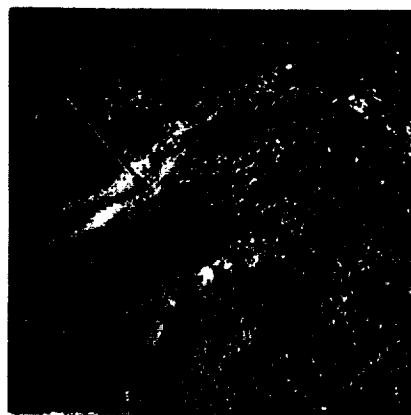
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AS12- 47-6938



AS12- 47-6939



AS12- 47-6940



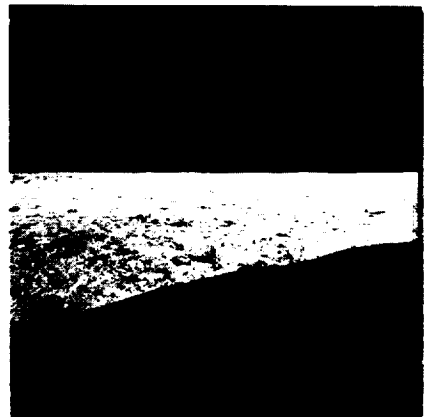
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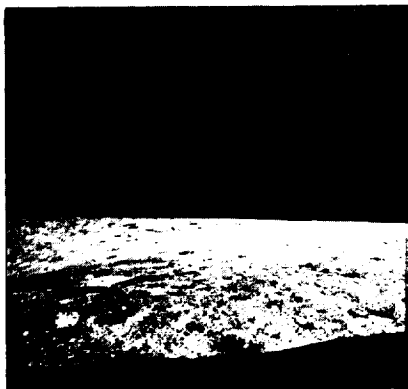
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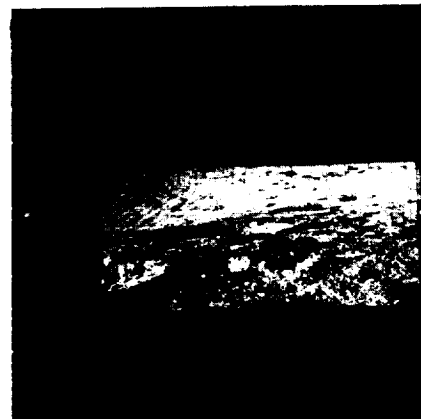
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AS12-47-6944



AS12-47-6945



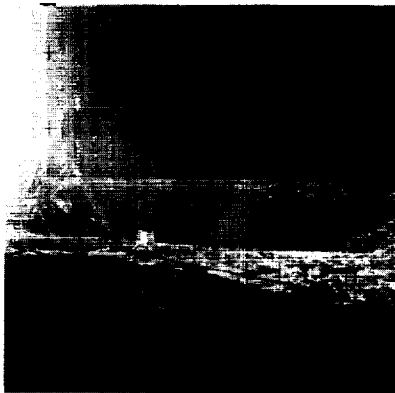
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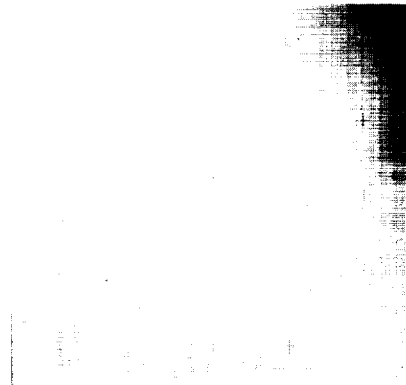
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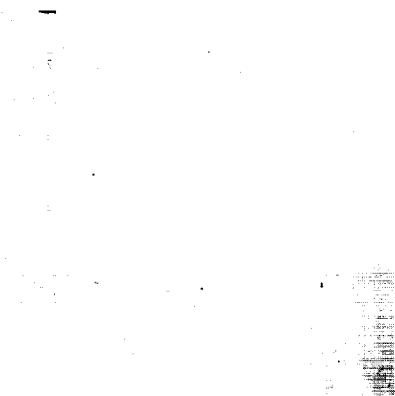
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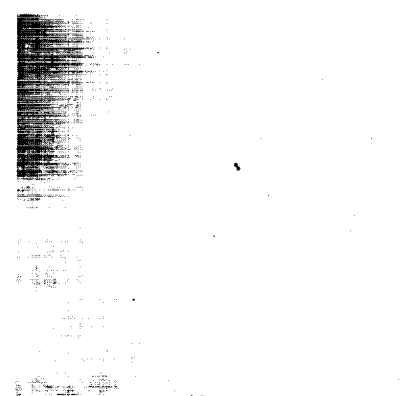
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AS12-47-6950



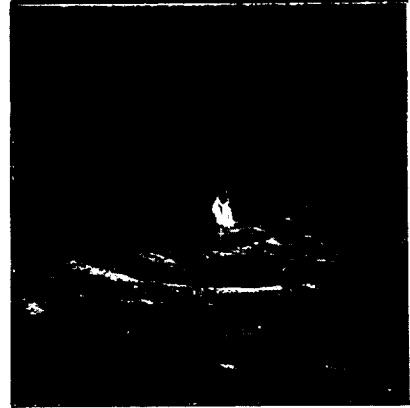
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AS12-47-6952



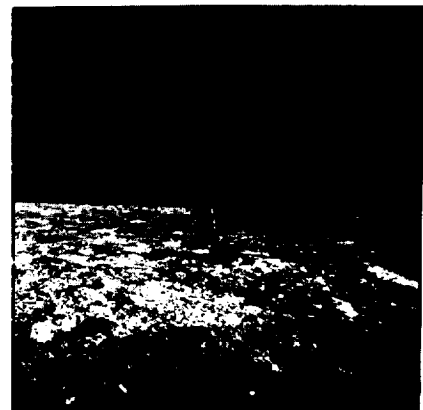
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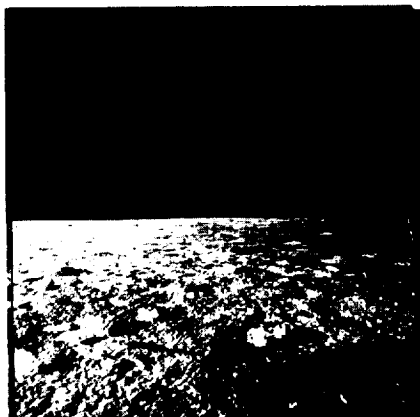
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AS12-47-6955



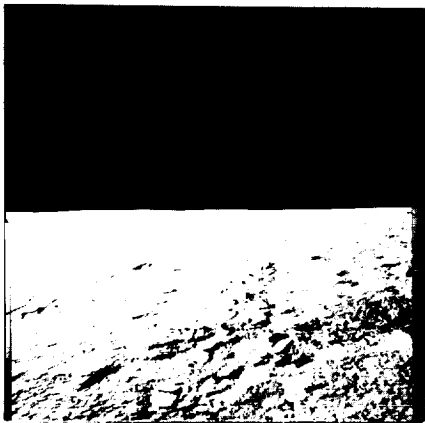
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AS12-47-6957



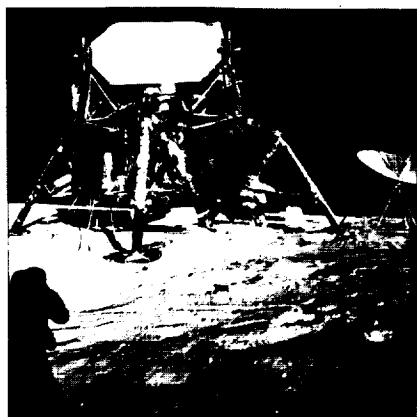
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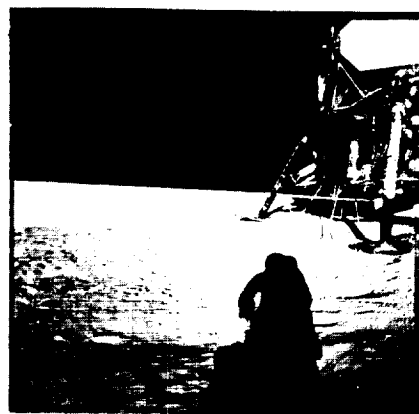
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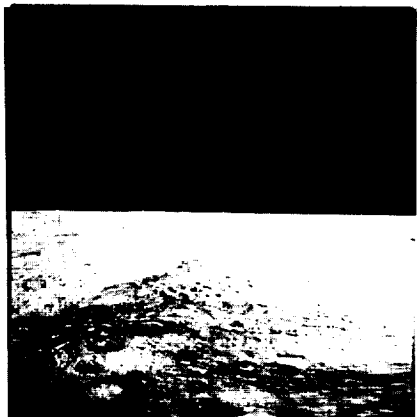
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AS12-47-6962



AS12-47-6963

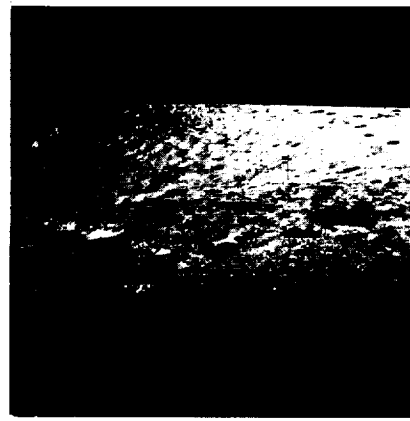


AS12-47-6964





AS12- 47-6965



AS12-47-6966



AS12- 47-6967



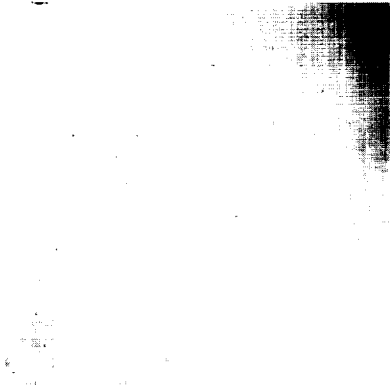
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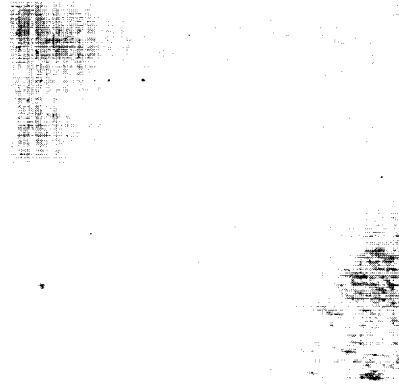
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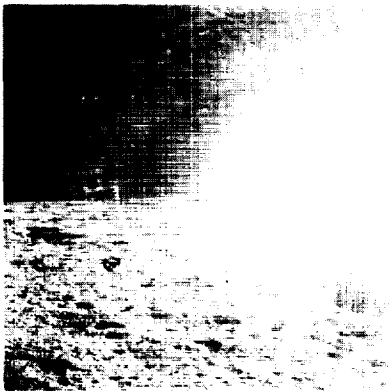
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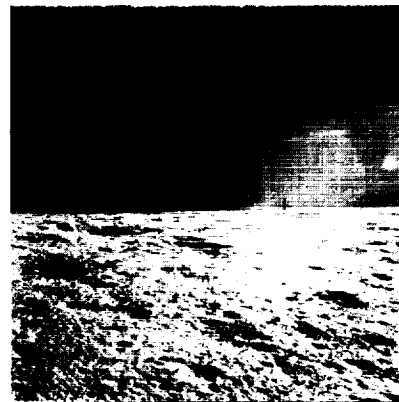
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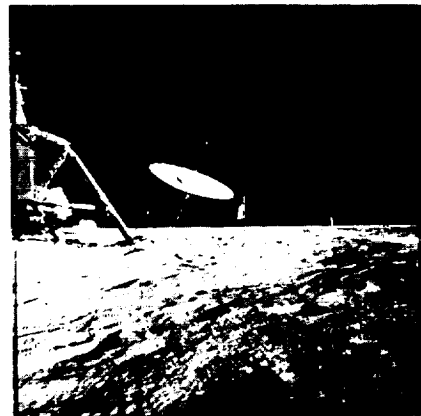
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AS12-47-6981



AS12-47-6982



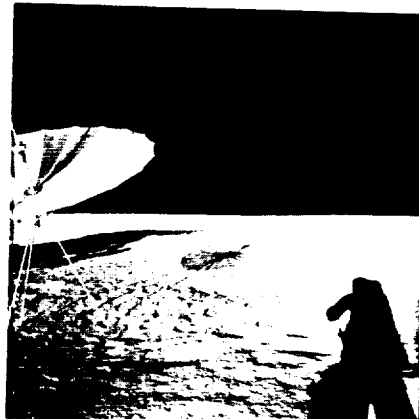
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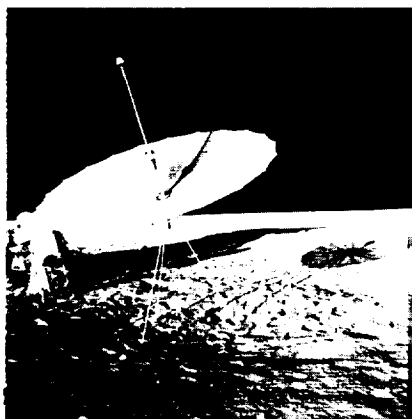
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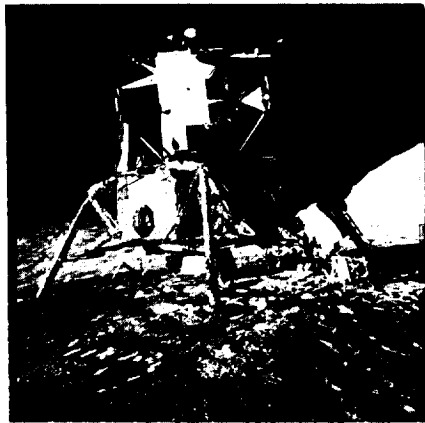
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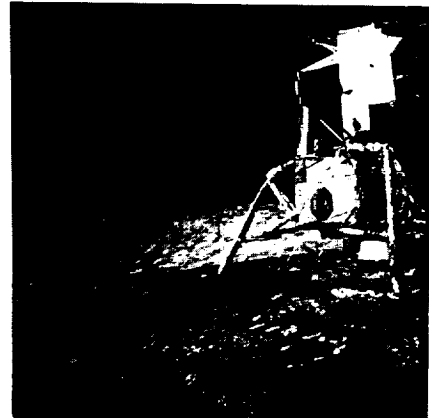
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AS12-47-6989



AS12- 47-6990



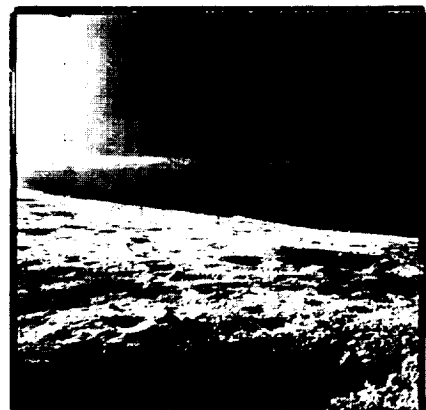
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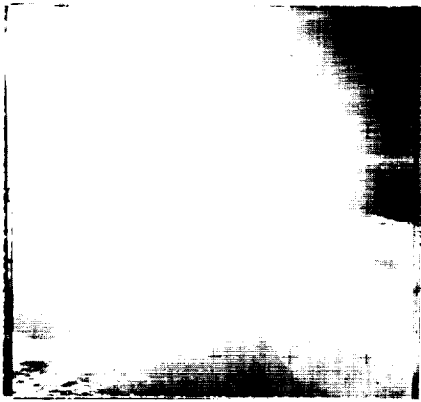
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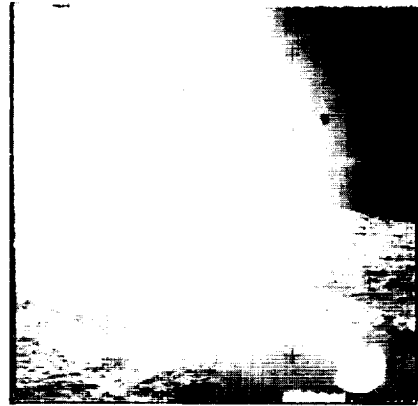
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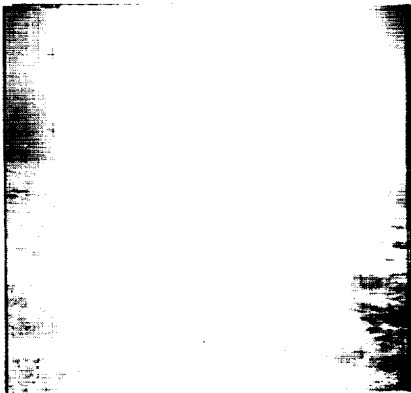
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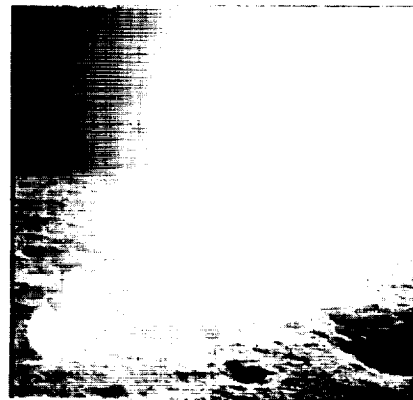
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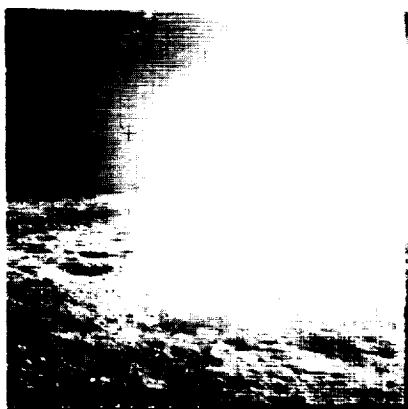
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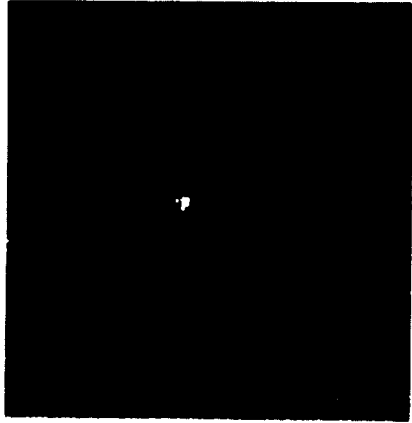
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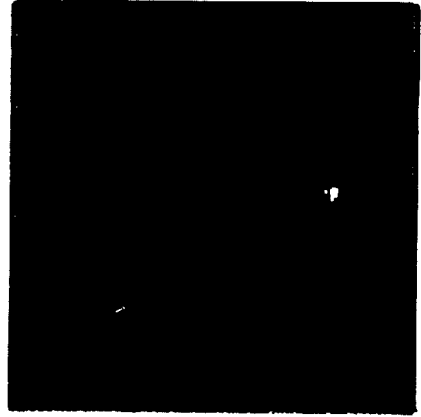
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AS12-47-7000



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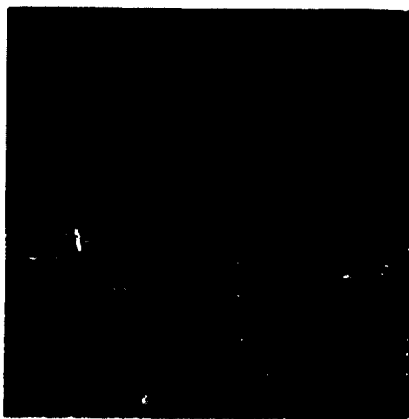
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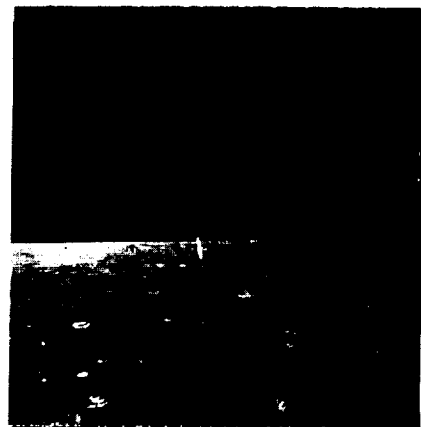
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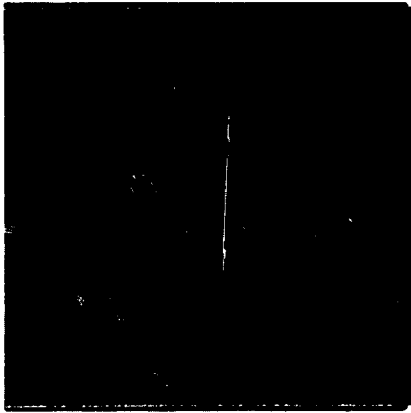
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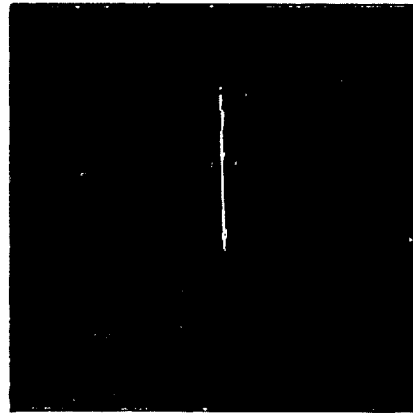
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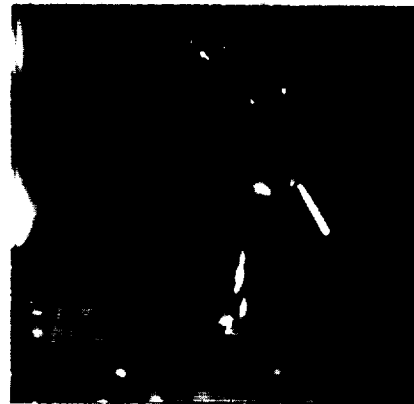
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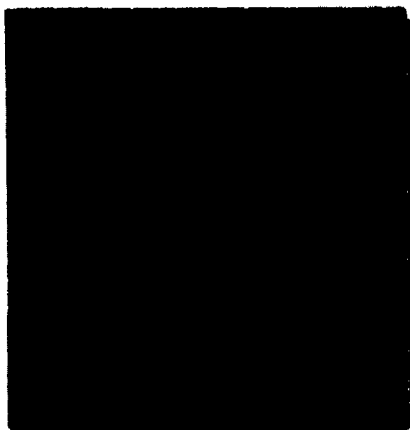
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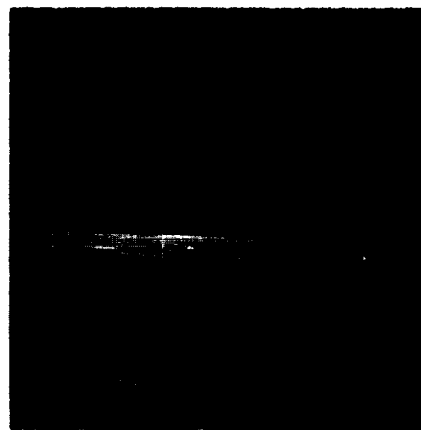
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AS12- 47-7010

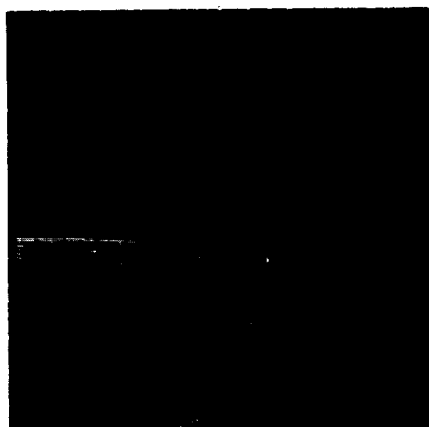


AS12- 47-7011



AS12- 47-7012





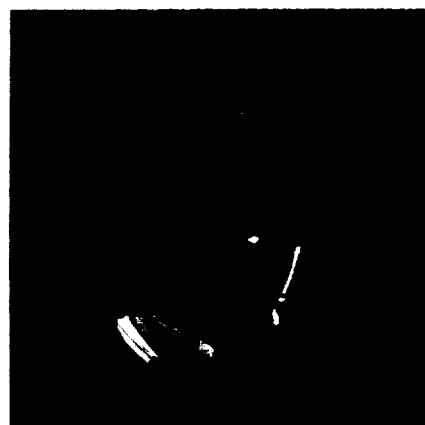
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AS12- 47-7014



AS12- 47-7015



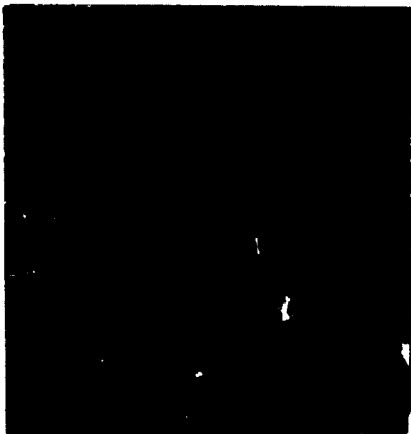
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AS12- 47- /017



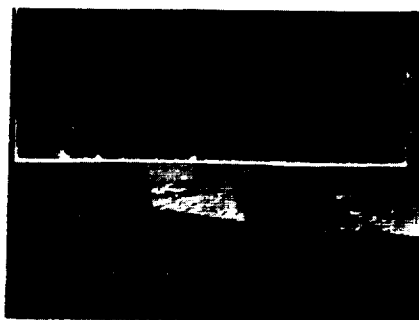
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AS12- 47-7019



AS12- 47-7020



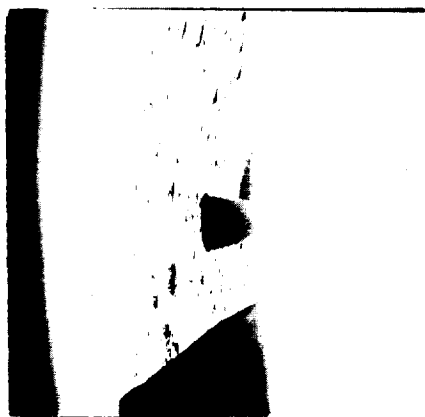
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**X**

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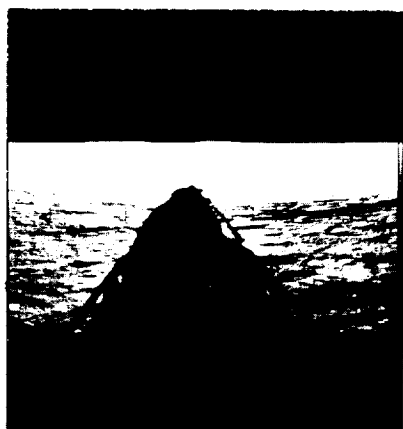




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AS12-48-7024



AS12-48-7025



AS12-48-7026



AS12-48-7027



AS12- 48-7028



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AS12-48-7030



AS12- 48-7031



AS12-48-7032



AS12- 48-7033



AS12-48-7034



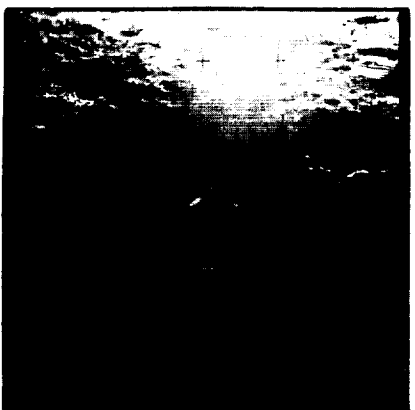
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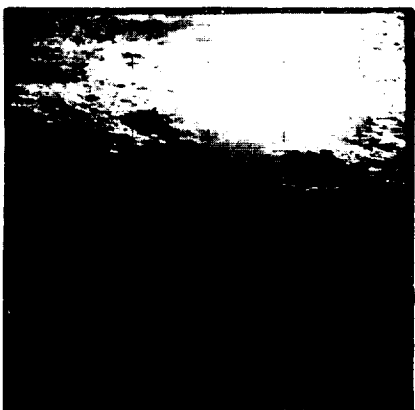
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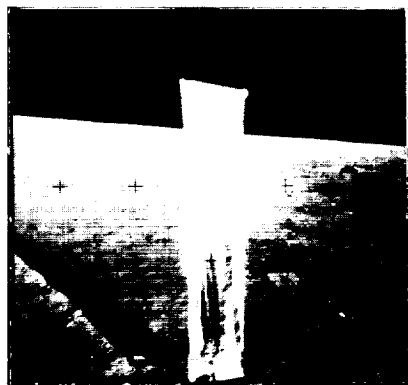
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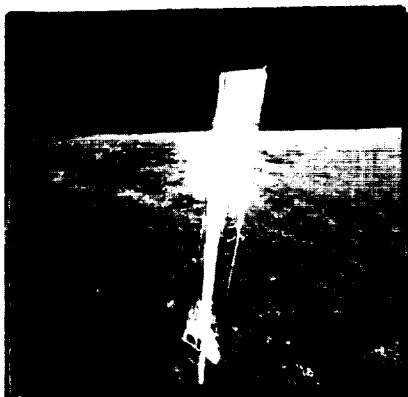
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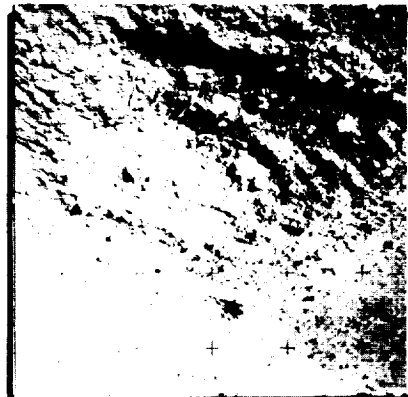
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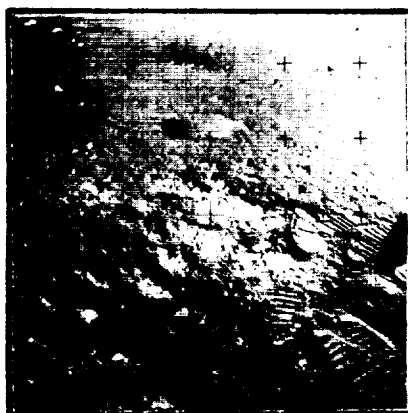
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AS12- 48-7045





AS12- 48-7046



AS12- 48-7047



AS12- 48-7048



AS12- 48-7049



AS12-48-7050



AS12- 48-7051



AS12- 48-7052



AS12- 48-7053



AS12- 48-7054



AS12-48-7055



AS12- 48-7056



AS12- 48-7057



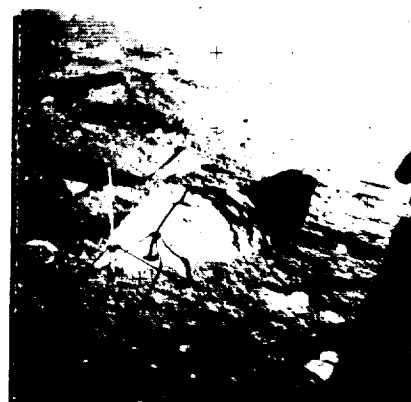
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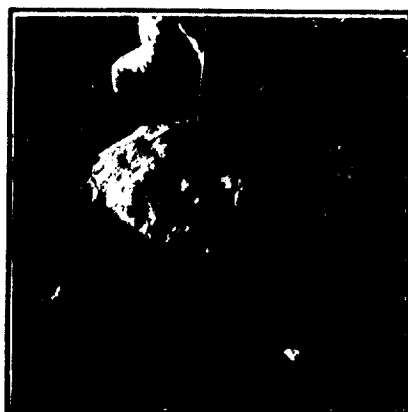
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AS12- 48-7060



AS12- 48-7061



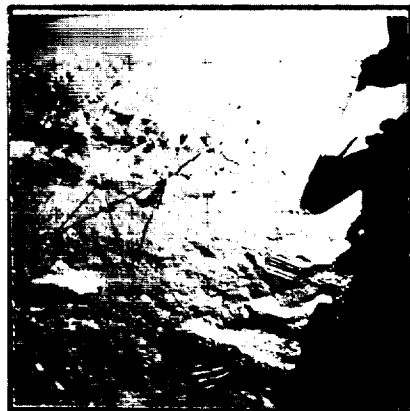
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AS12-48-7069



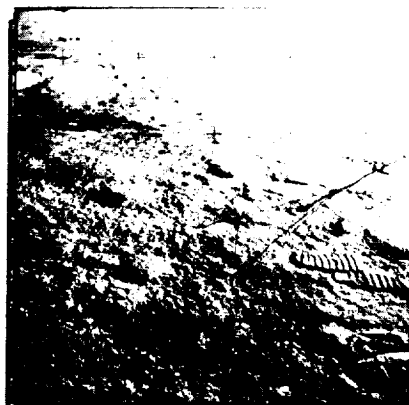
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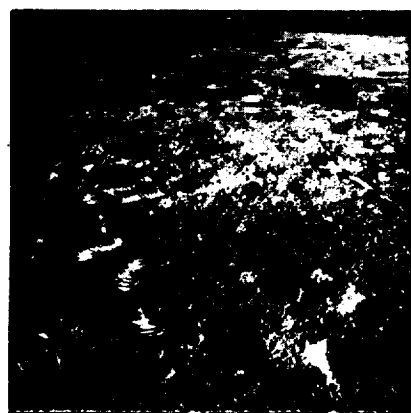
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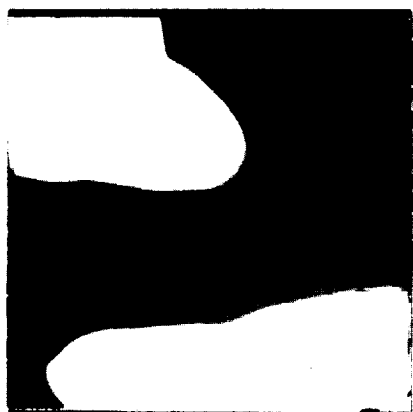
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AS12- 48-7079



AS12- 48-7080



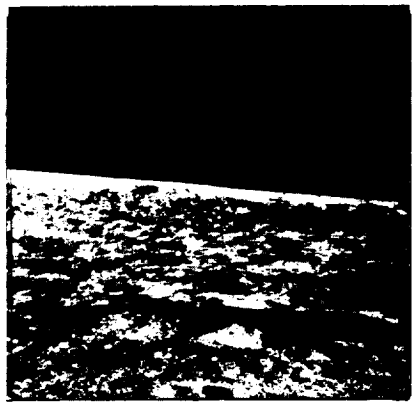
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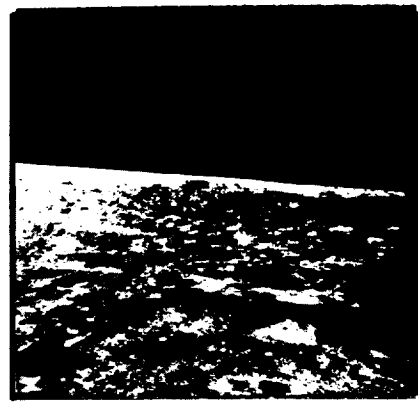
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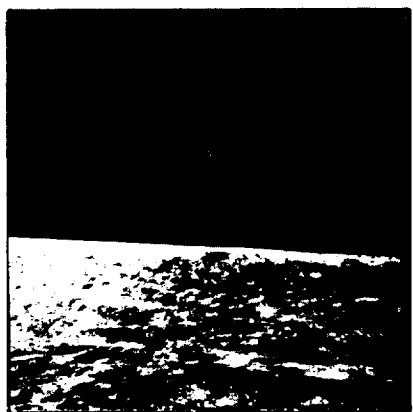
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AS12- 48-7084



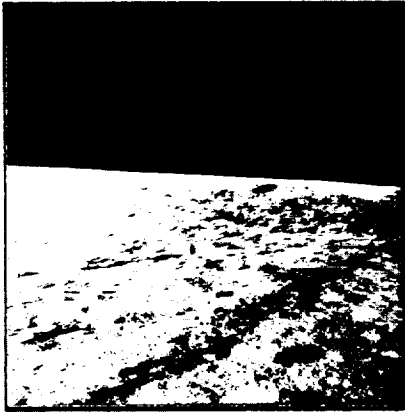
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AS12- 48-7086



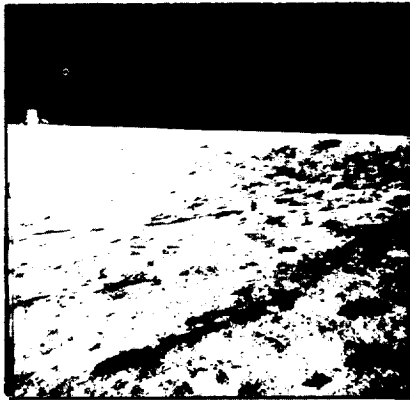
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AS12- 48-7088



AS12- 48-7089



AS12- 48-7090



AS12- 48-7091

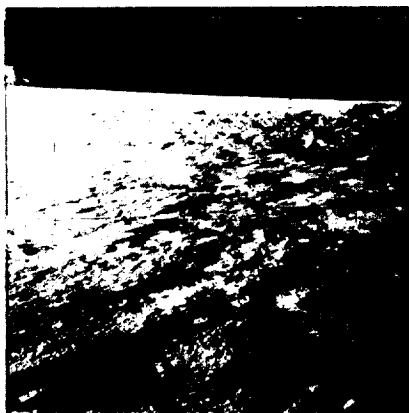


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AS12- 48-7093





AS12- 48-7094



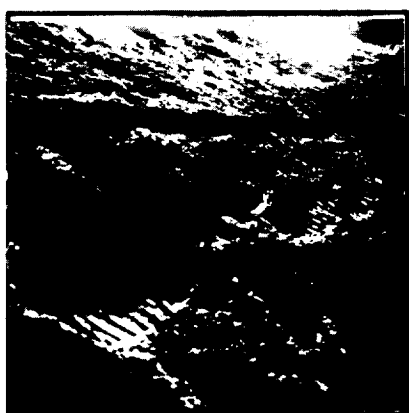
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AS12- 48-7097



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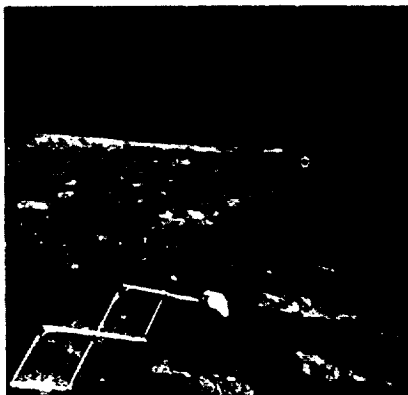
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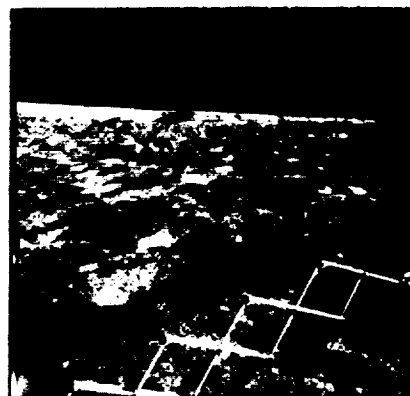
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AS12- 48-7101



AS12- 48-7102



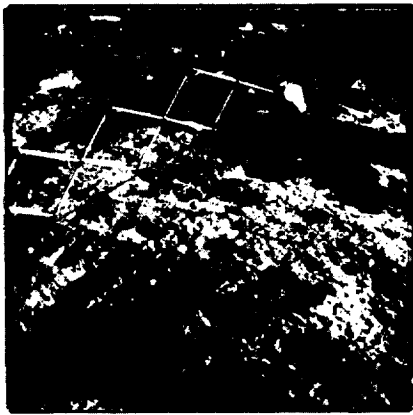
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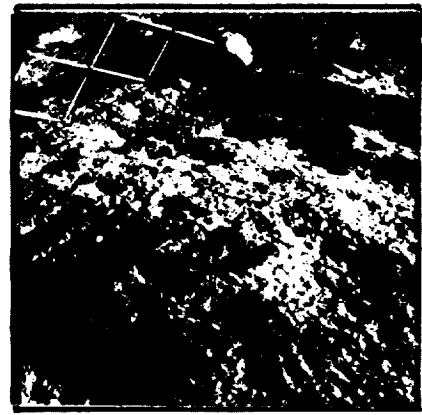
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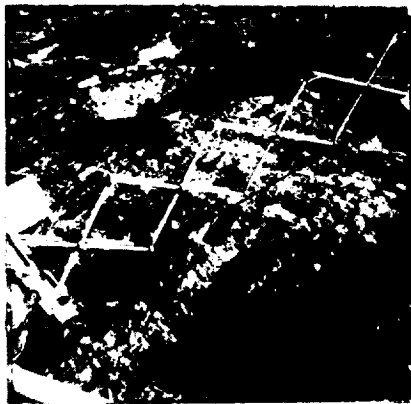
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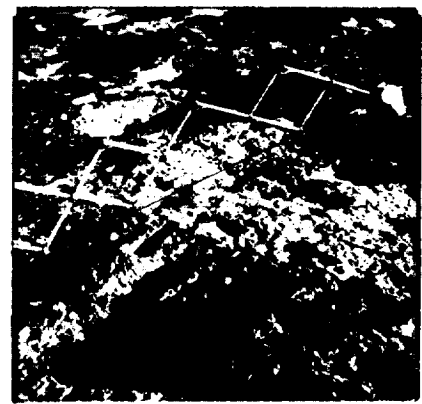
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AS12- 48-7107



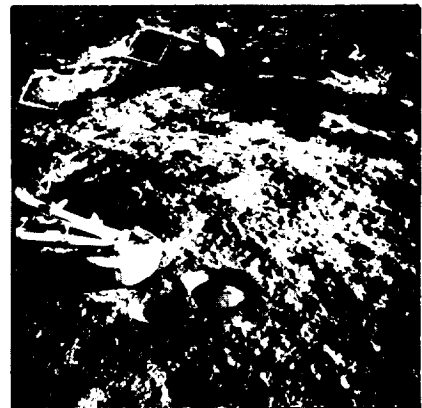
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AS12- 48-7109



AS12- 48-7110



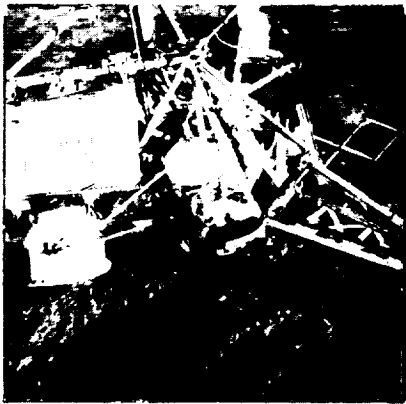
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AS12- 48-7112



AS12- 48-7113



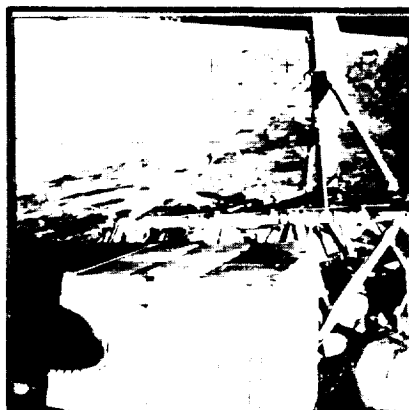
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AS12- 48-7115



AS12- 48-7116



AS12- 48-7117



AS12- 48-7118



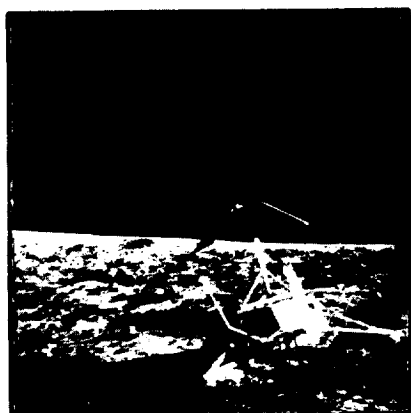
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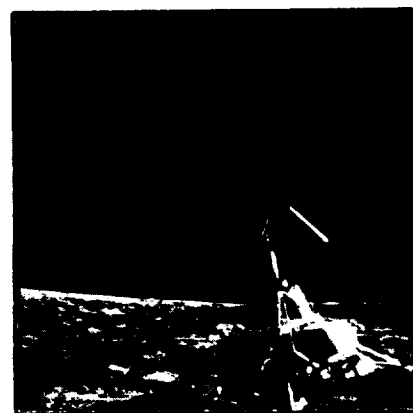
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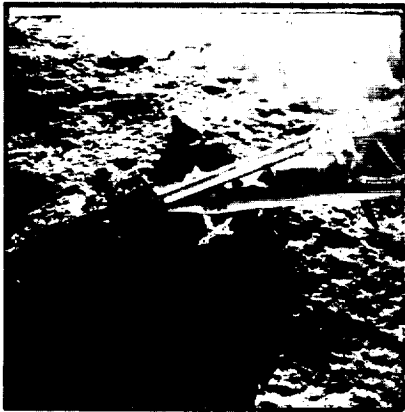
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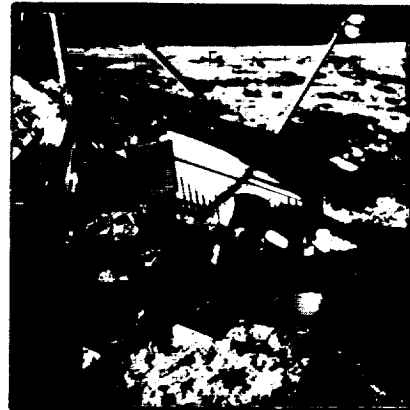
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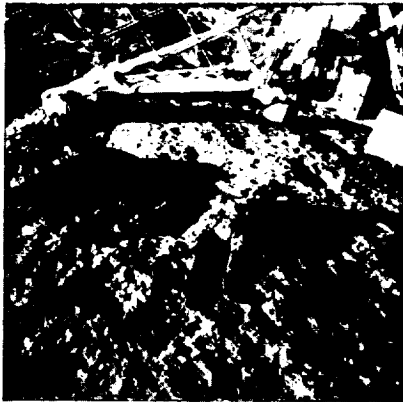
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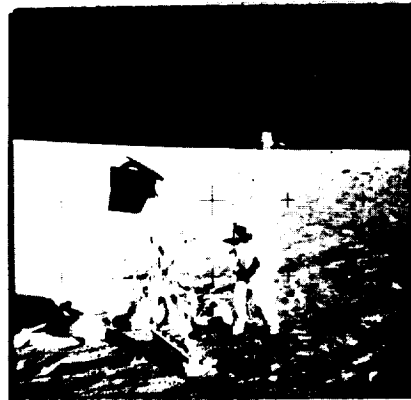
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AS12-48-7138



AS12-48-7139



AS12-48-7140



AS12-48-7141

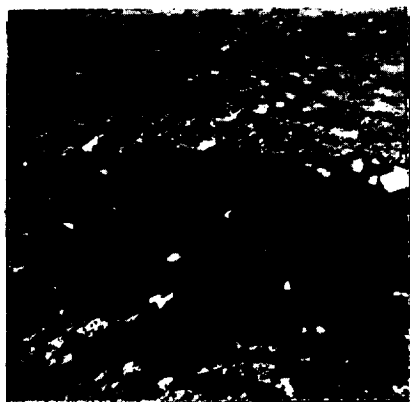




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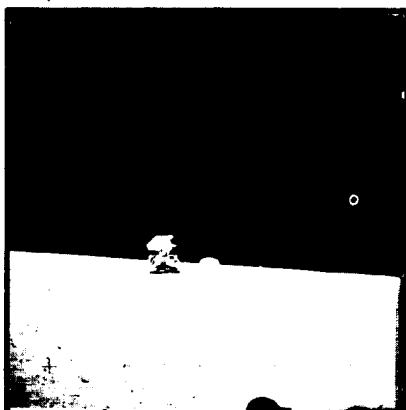
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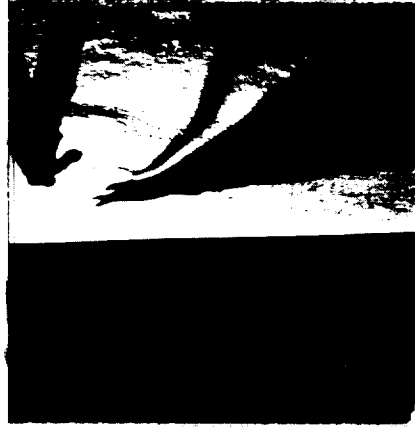


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AS12-48-7153

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AS12-46-6728



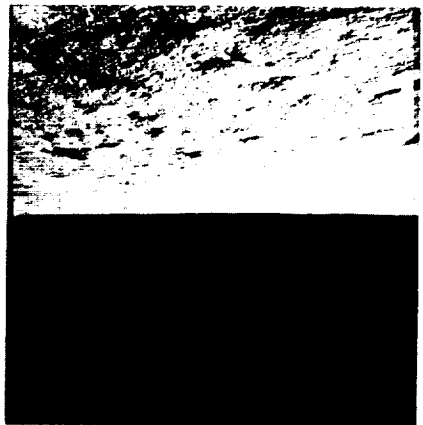
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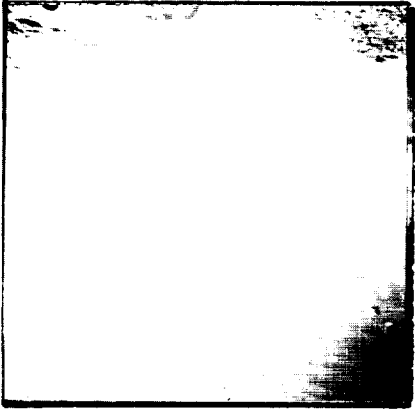
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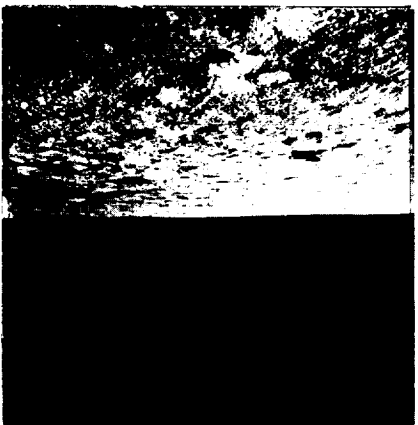
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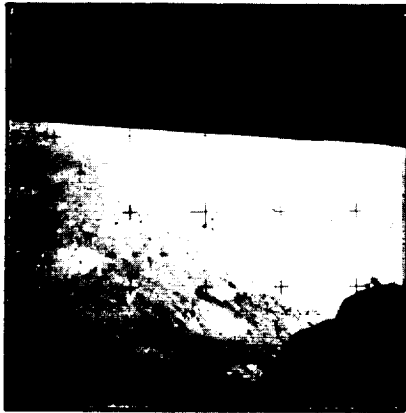


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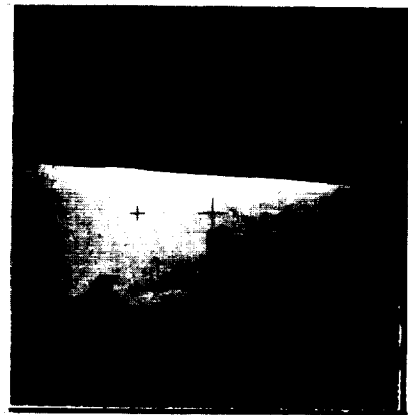


AS12-46-6734





AS12-48-7154



AS12- 48-7155



AS12- 48-7156



AS12- 48-7157



AS12-48-7158



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AS12- 48-7160



AS12- 48-7161



AS12- 48-7162



AS12-48-7163



AS12- 48-7164



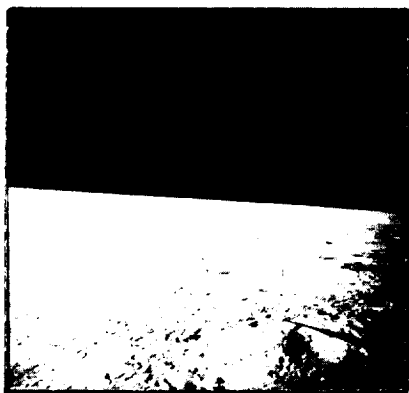
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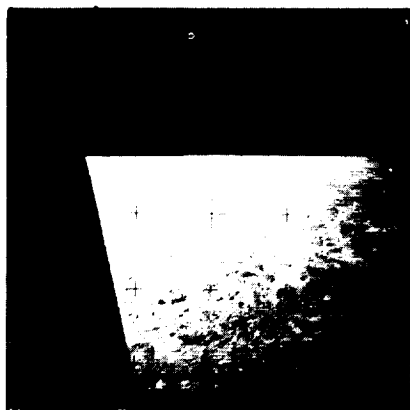
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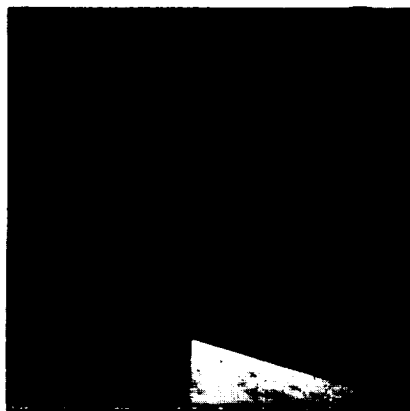
AS12-48-7168



AS12-48-7169



AS12-48-7170



AS12-48-7171





# **MAGAZINE**

# **Y**

**AS12-46-6715 thru AS12-46-6868**





AS12- 46-6715



AS12- 46-6716



AS12- 46-6717



AS12- 46-6718



AS12- 46-6719



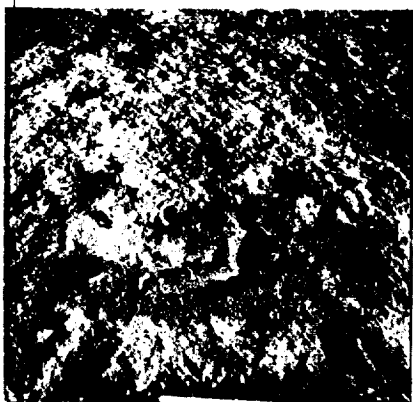
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AS12- 46-6722



AS12- 46-6723



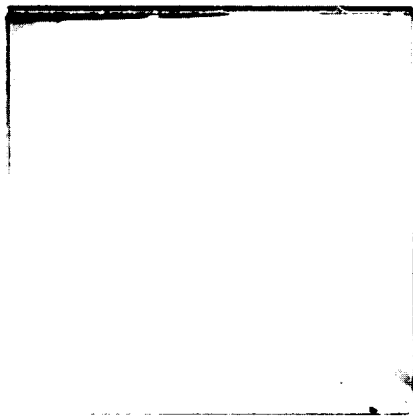
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AS12- 46-6726



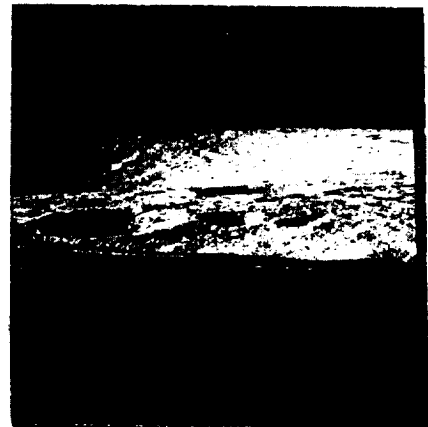
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AS12- 46-6741



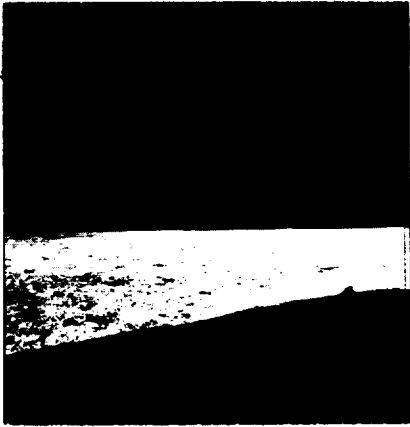
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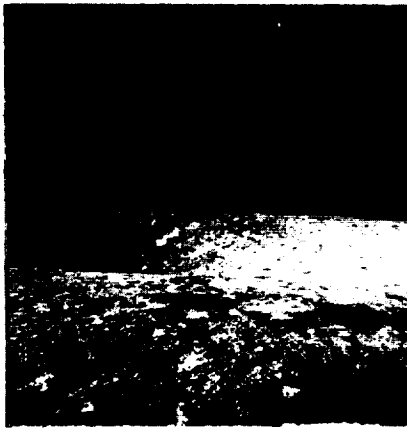
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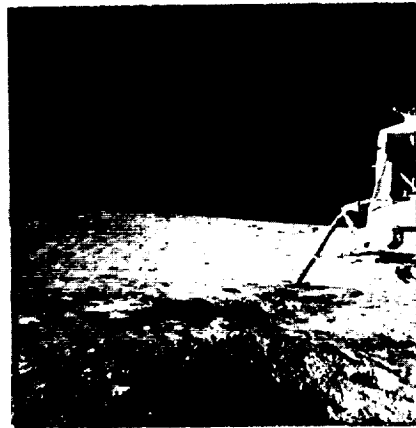
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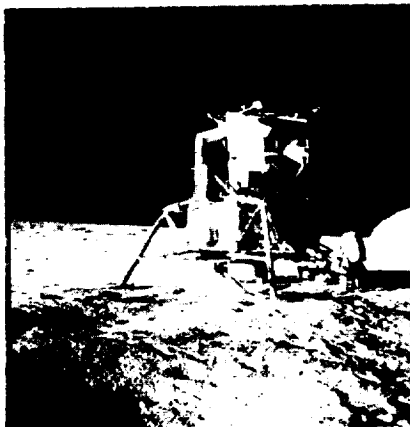
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AS12-46-6747



AS12- 46-6748



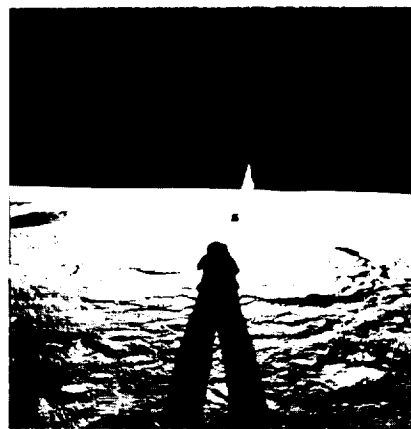
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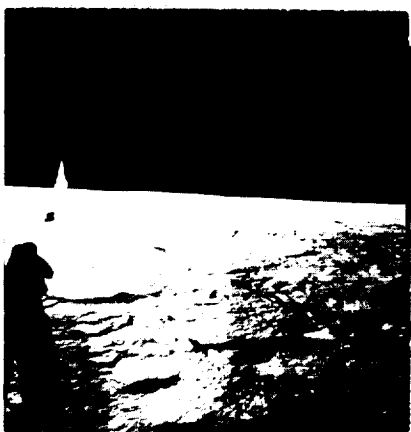
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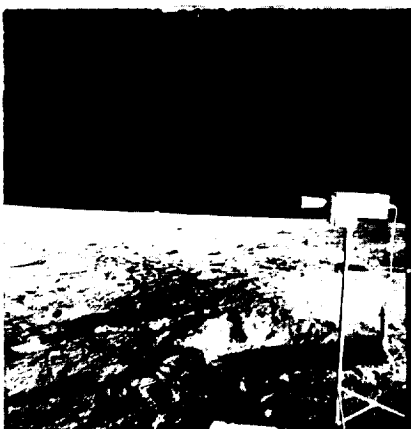
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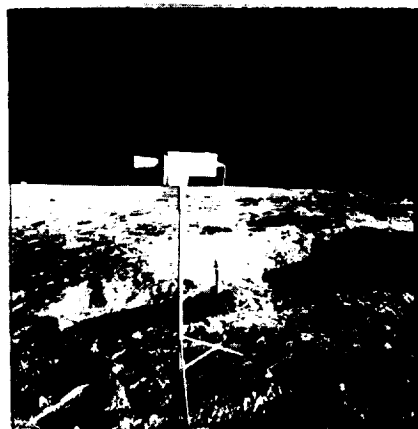
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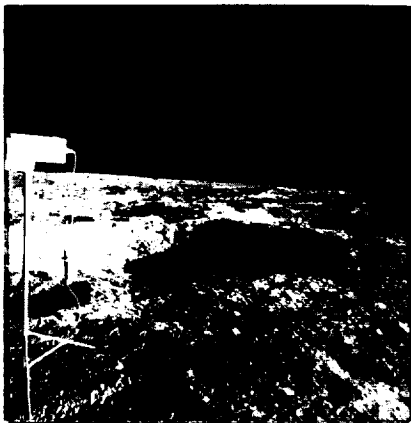
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AS12-46-6755



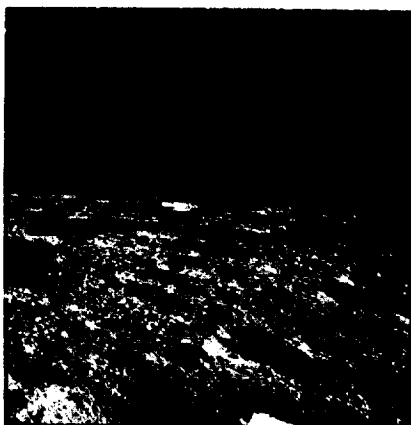
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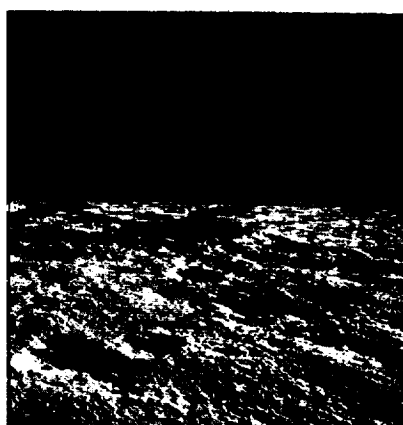
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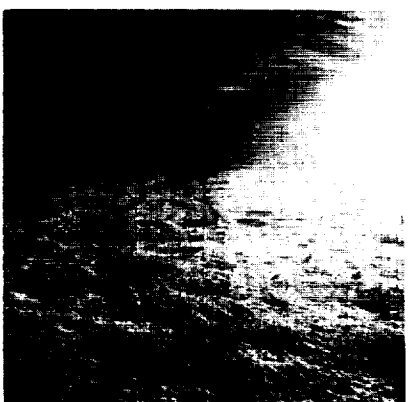
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AS12-67-6759



AS12-46-6760



AS12-46-6761

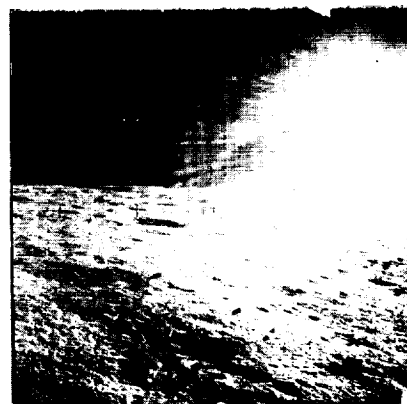


AS12-46-6762





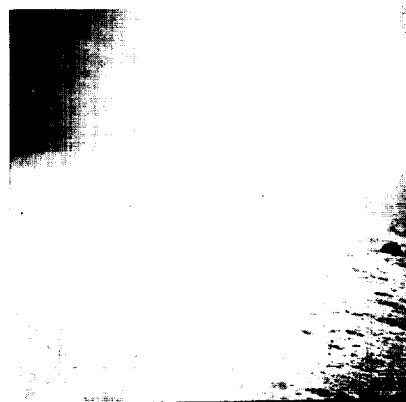
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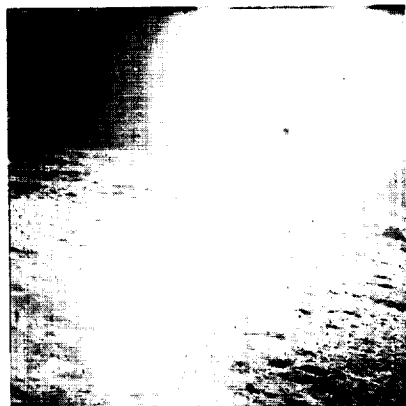
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AS12-46-6765



AS12-46-6766



AS12-46-6767



AS12-46-6768



AS12- 46-6769



AS12- 46-6770



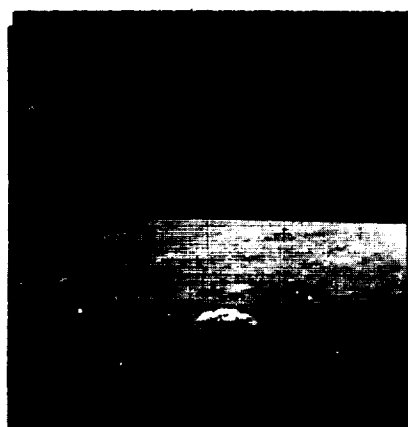
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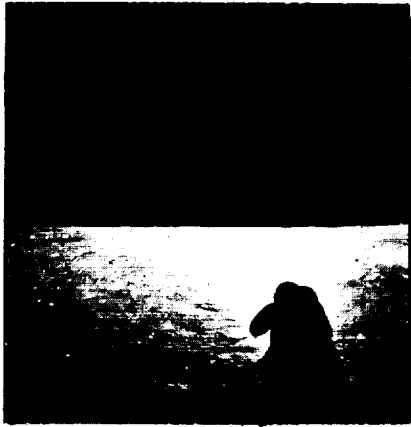
AS12- 46-6772



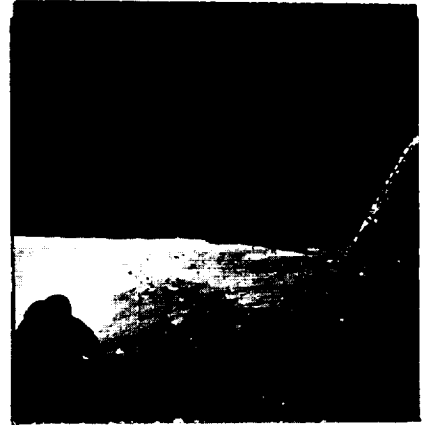
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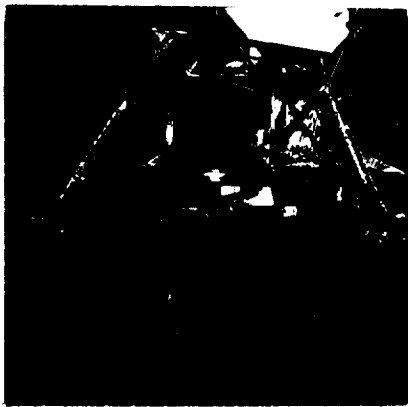
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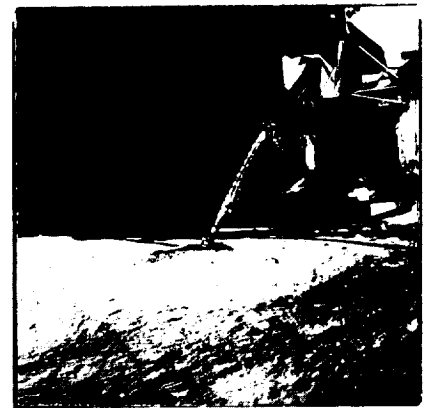
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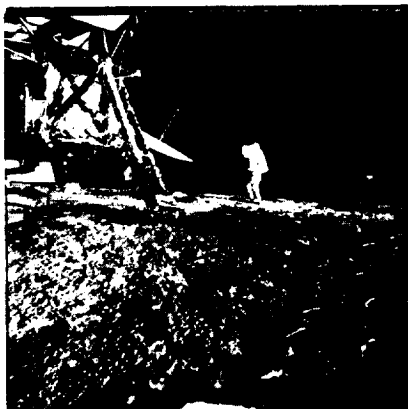
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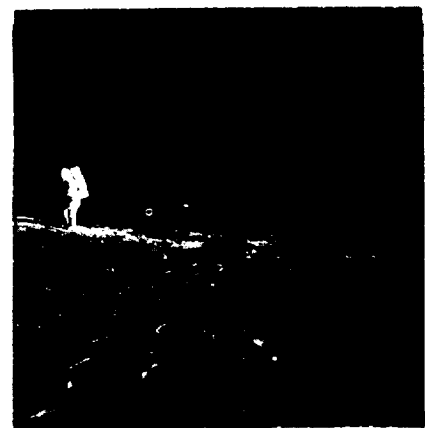
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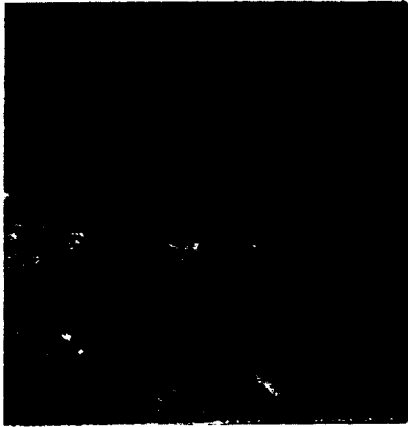
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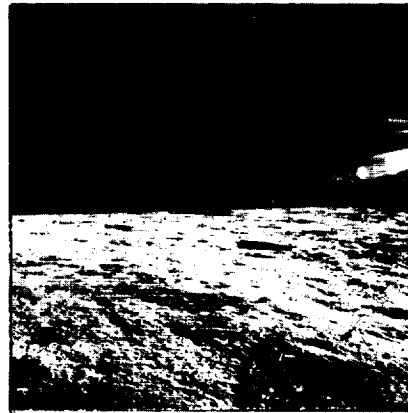
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AS12-46-6780



AS12-46-6781



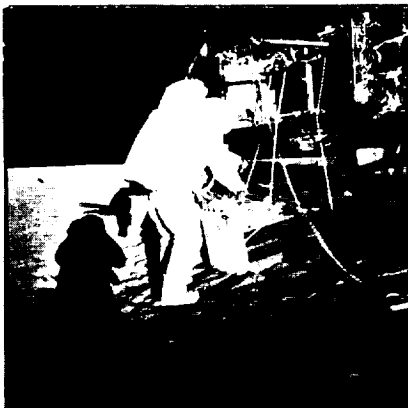
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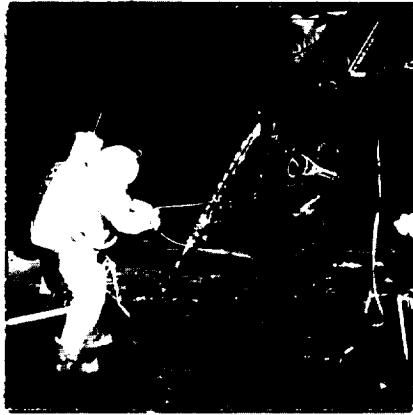
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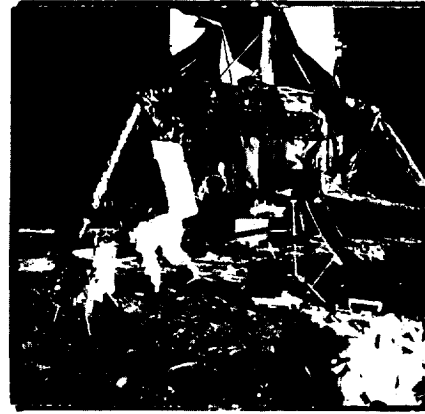
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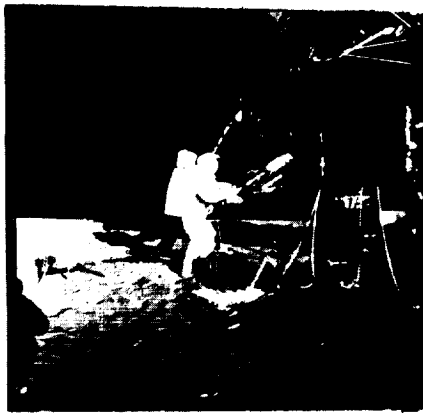
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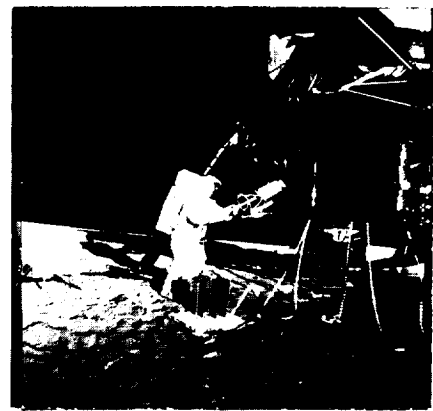
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AS12-46-6788



AS12-46-6789



AS12-46-6790



AS12-46-6791



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AS12-46-6794



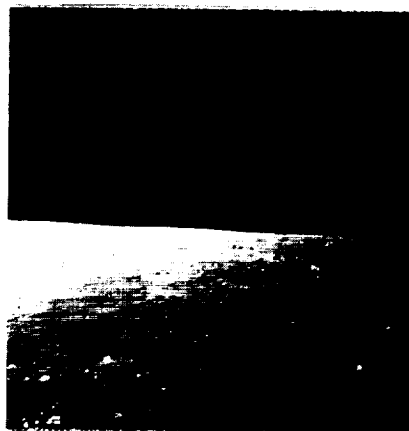
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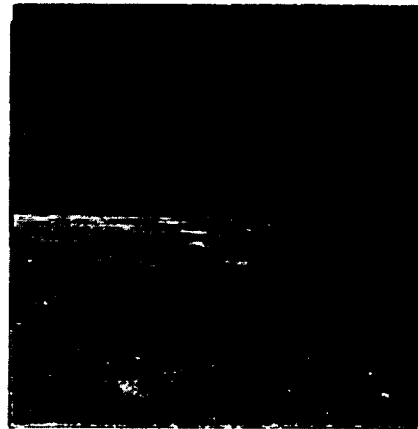
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AS12-46-6799



AS12-46-6800



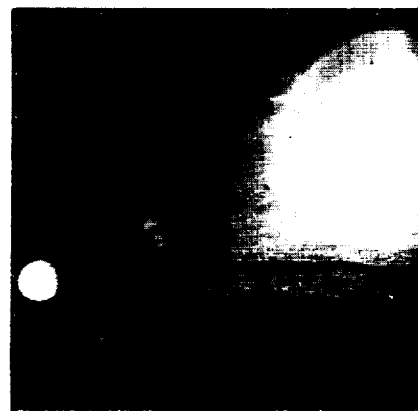
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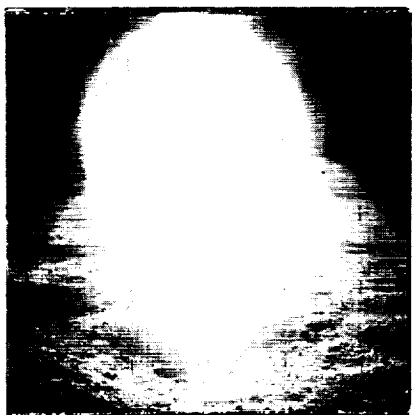
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AS12-46-6803



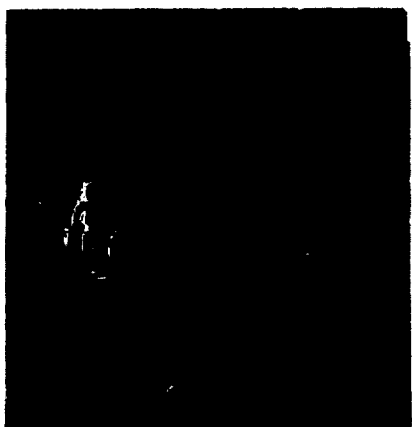
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AS12-46-6805



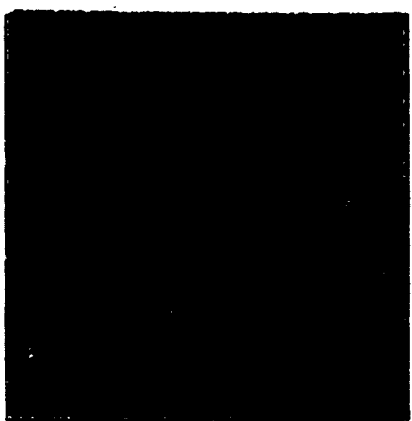
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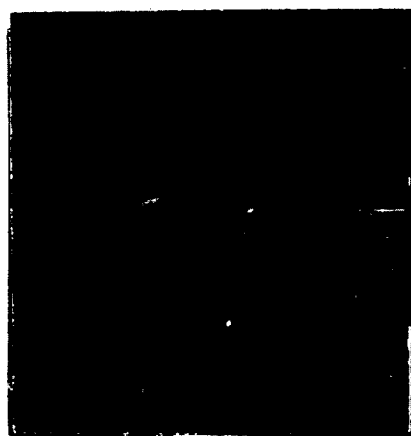
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AS12- 46-6808

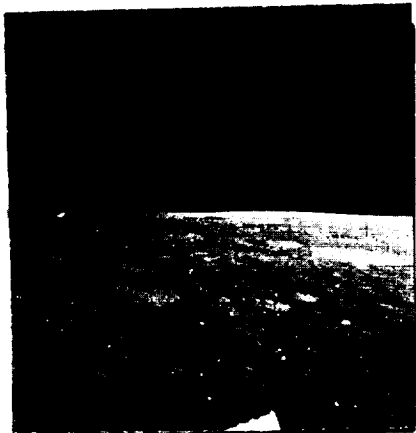


AS12- 46-6809



AS12- 46-6810





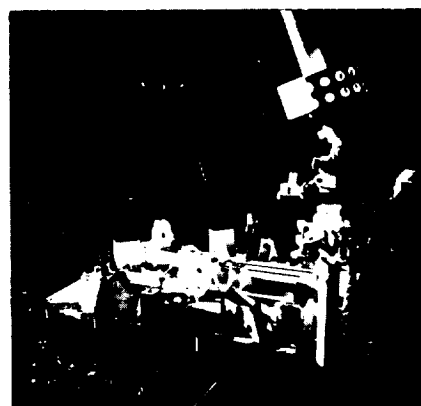
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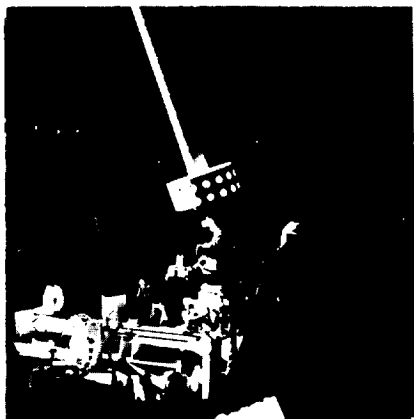
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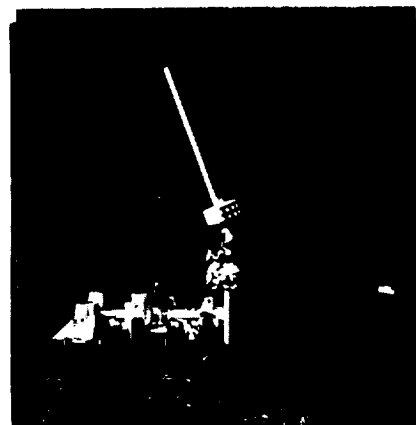
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AS12-46-6814



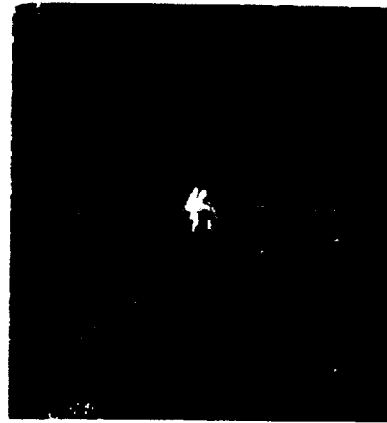
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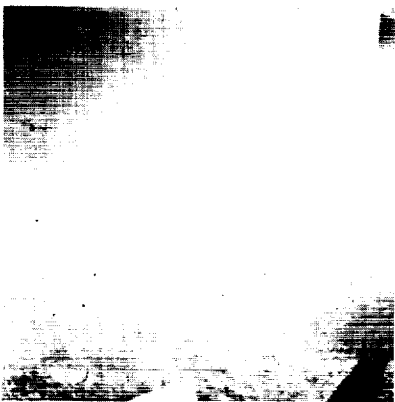
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AS12- 46-6817



AS12- 46-6818



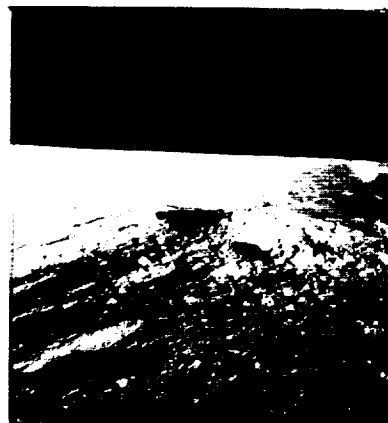
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AS12-46-6820



AS12- 46-6821



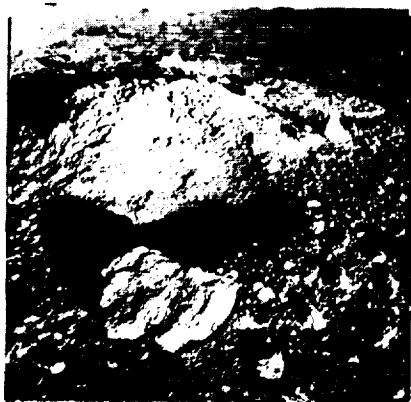
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AS12-46-6823



AS12-46-6724



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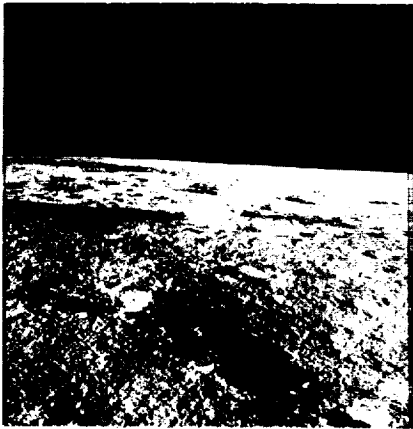
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AS12-46-6828



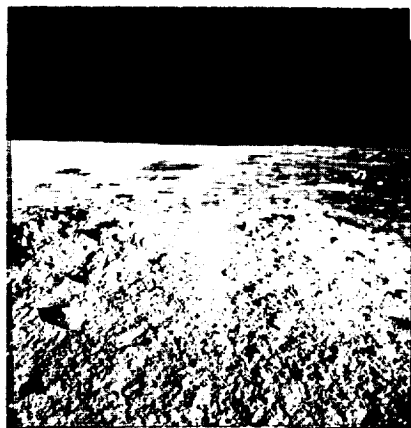
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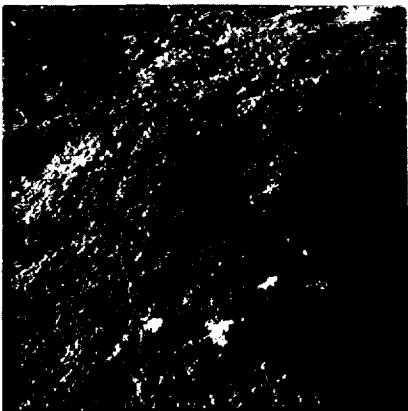
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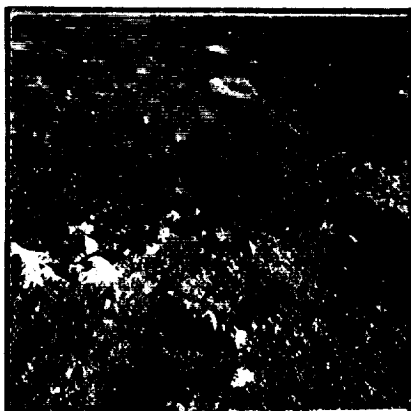
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AS12-46-6832



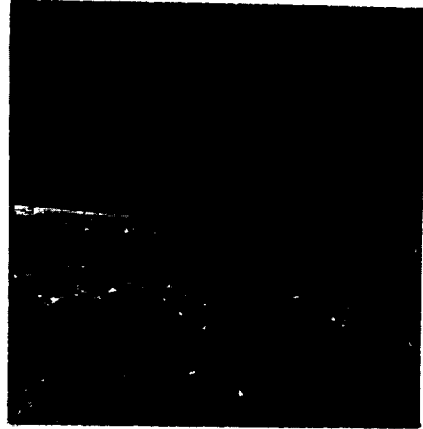
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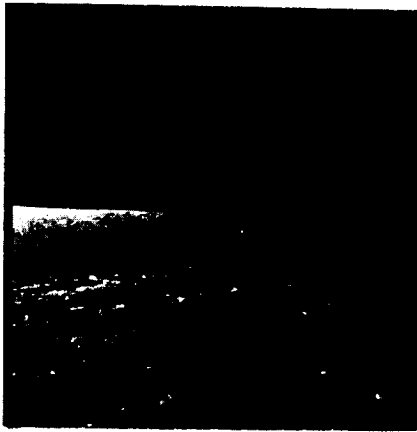
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AS12- 46-6835



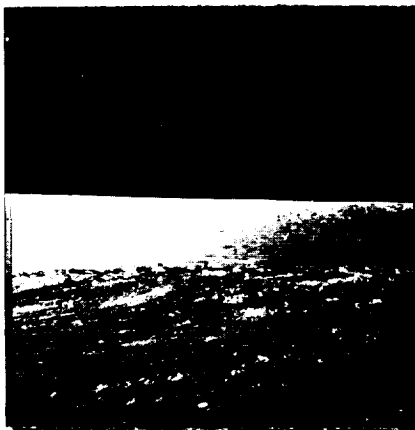
AS12- 46-6836



AS12- 46-6837



AS12- 46-6838



AS12-46-6839



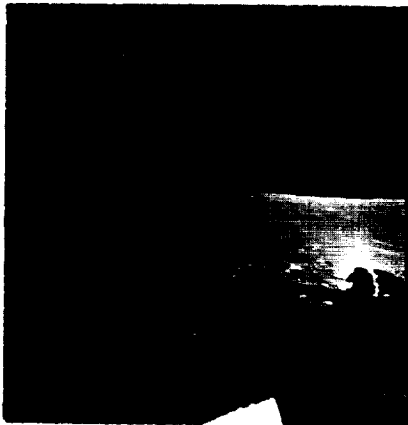
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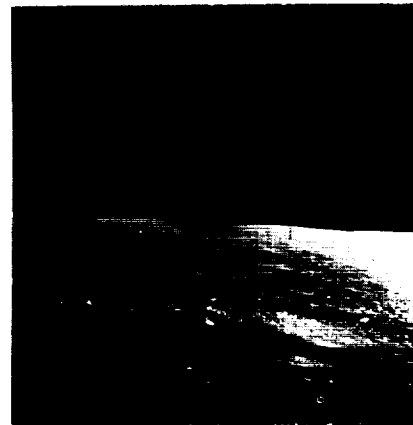
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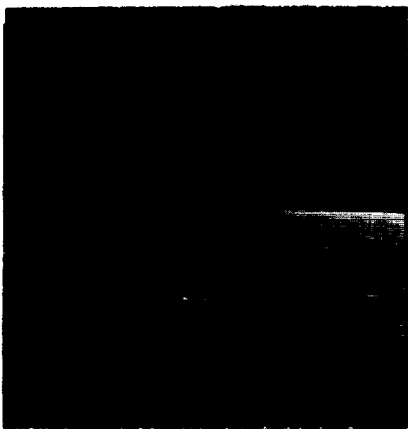
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AS12- 46-6843



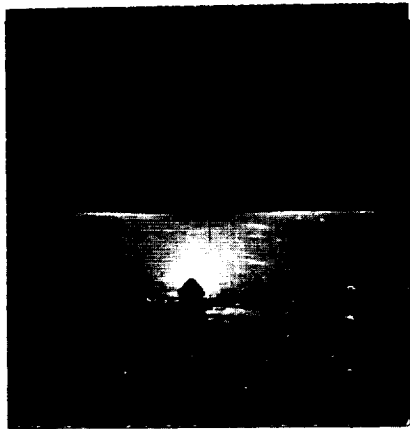
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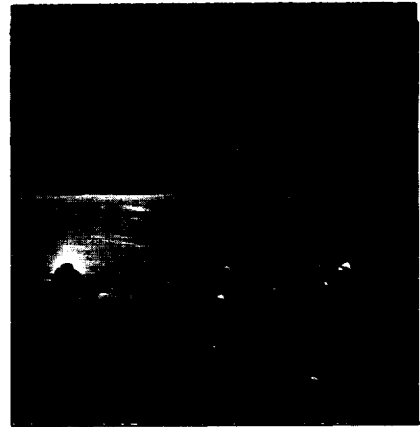
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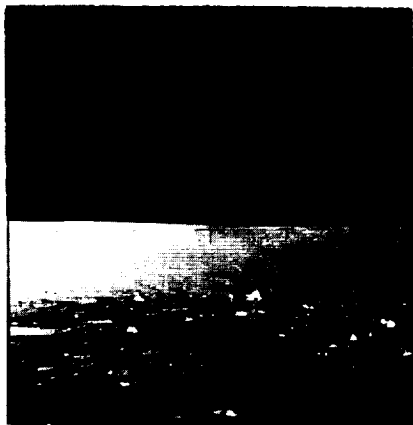
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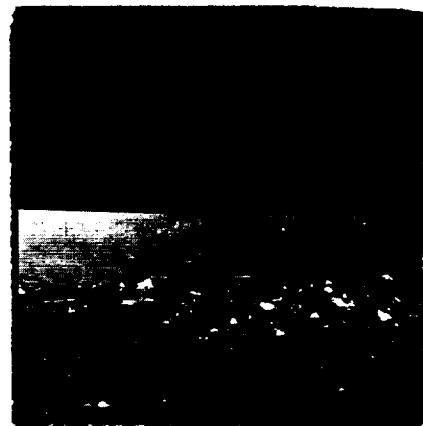
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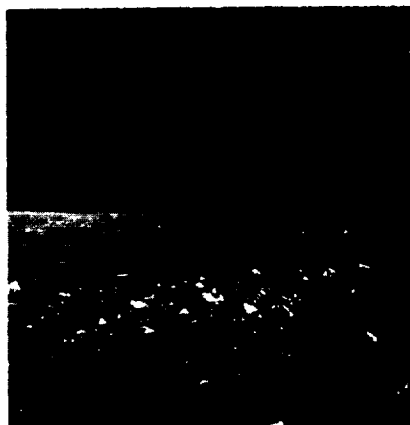
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AS12- 46-6849



AS12- 46-6850



AS12- 46-6851



AS12- 46-6852



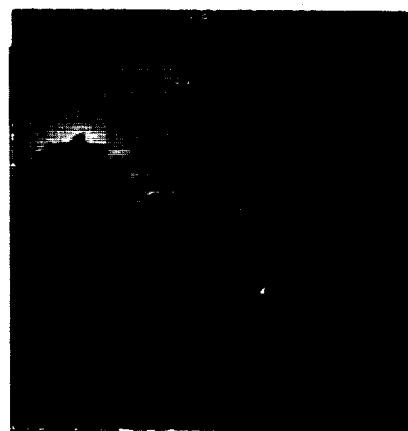
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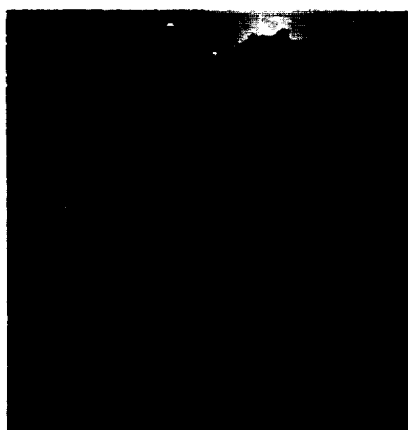
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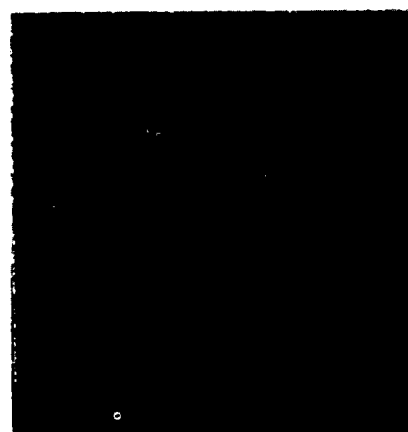
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AS12-46-6856

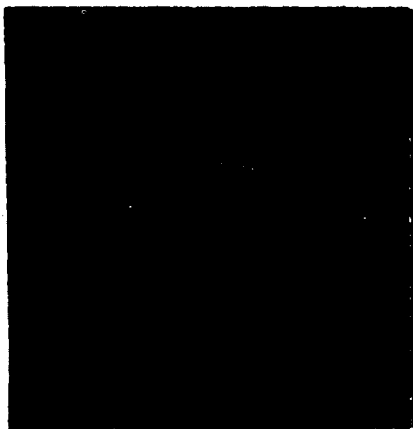


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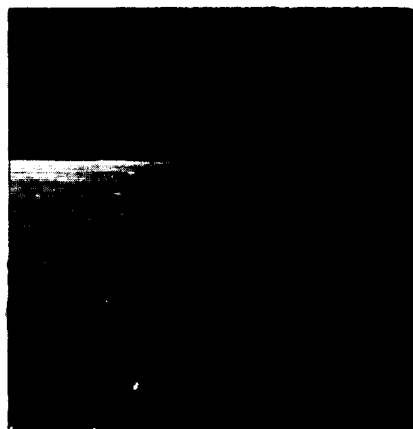


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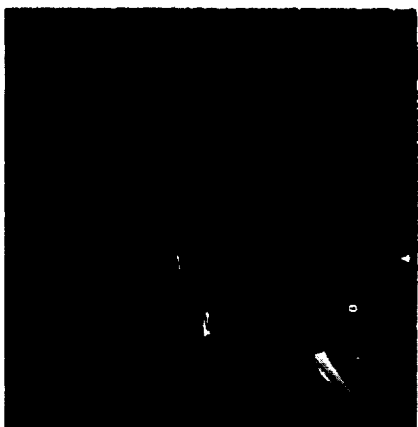




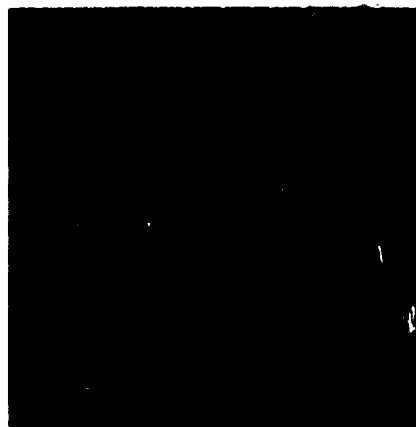
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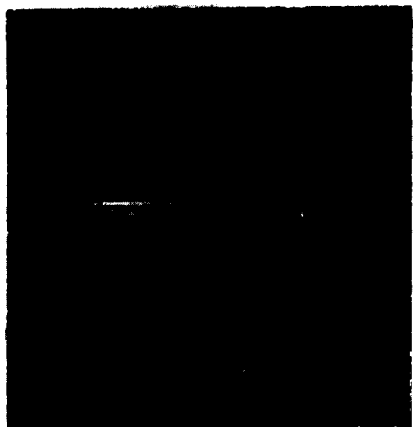
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AS12- 46-6861



AS12- 46-6862



AS12- 46-6863



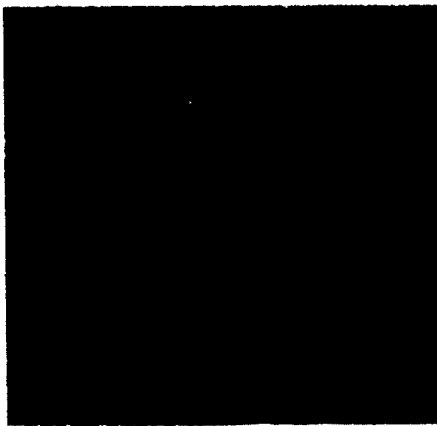
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AS12-46-6865



AS12-46-6866



AS12-46-6867



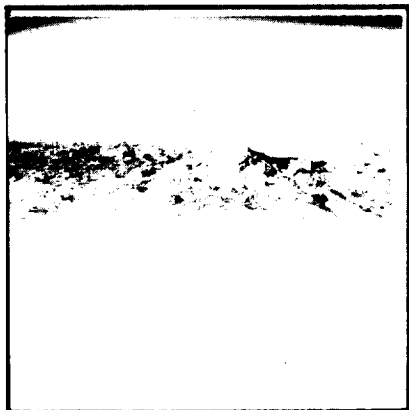
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**AS12-49-7172 thru AS12-49-7324**





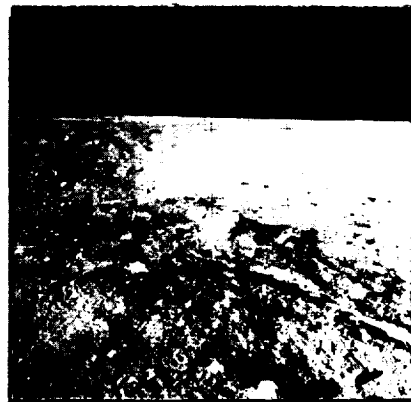
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AS12- 49-7173



AS12- 49-7174



AS12-49-7175



AS12- 49-7176



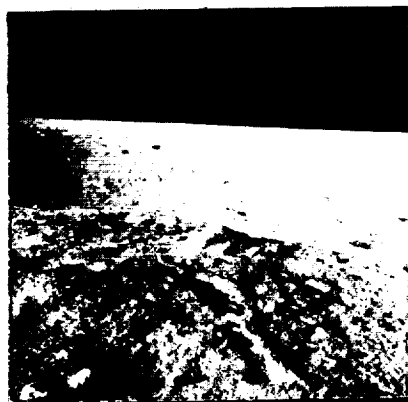
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AS12- 49-7178



AS12-49-7179



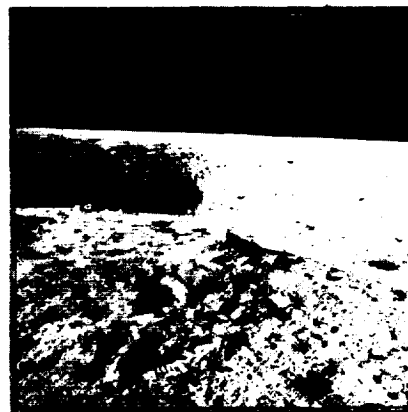
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AS12- 49-7181



AS12- 49-7182



AS12- 49-7183



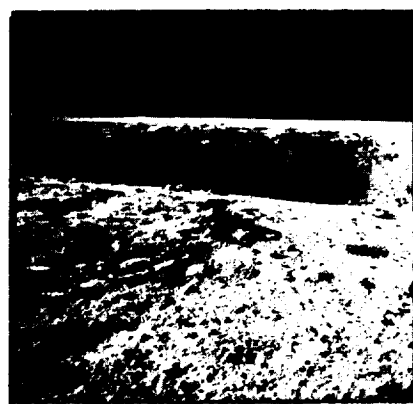
AS12- 49-7184



AS12-49-7185



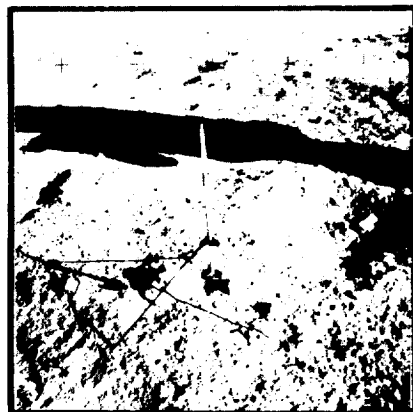
AS12- 49-7186



AS12- 49-7187



AS12-49-7188



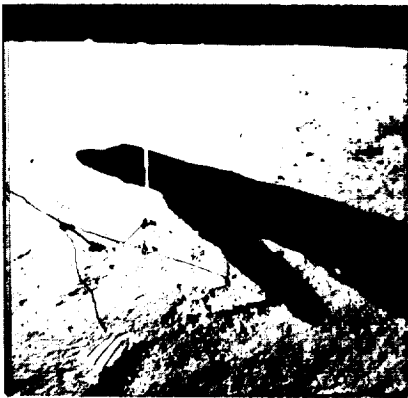
AS12- 49-7189



AS12- 49-7190



AS12- 49-7191



AS12- 49-7192



AS12- 49-7193



AS12- 49-7194

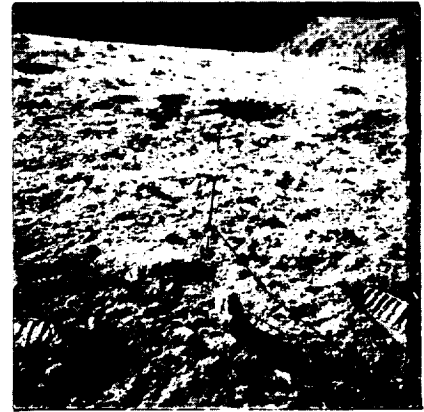


AS12- 49-7195

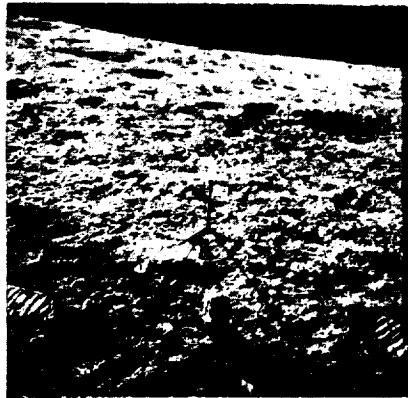




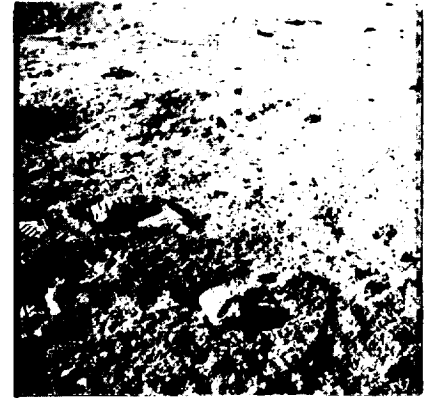
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AS12-49-7197



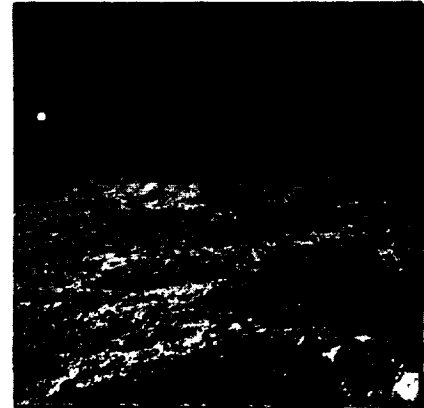
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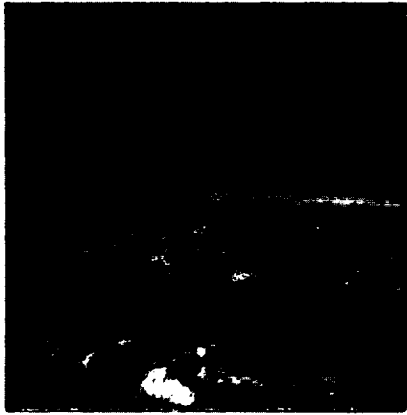
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AS12-49-7200



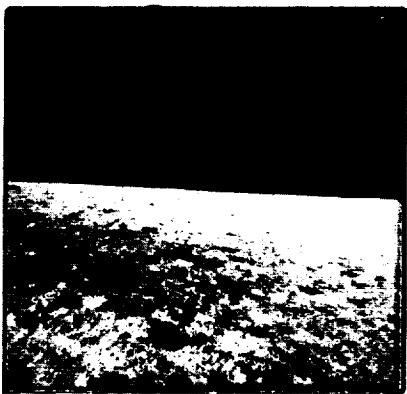
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AS12- 49-7202



AS12- 49-7203



AS12- 49-7204



AS12- 49-7205



AS12- 49-7206



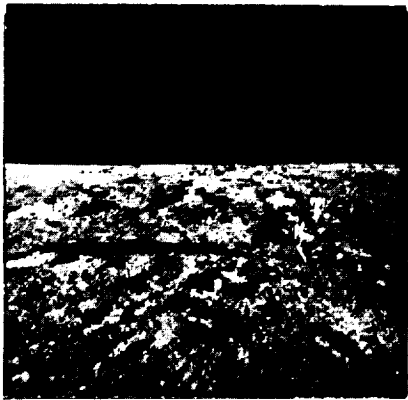
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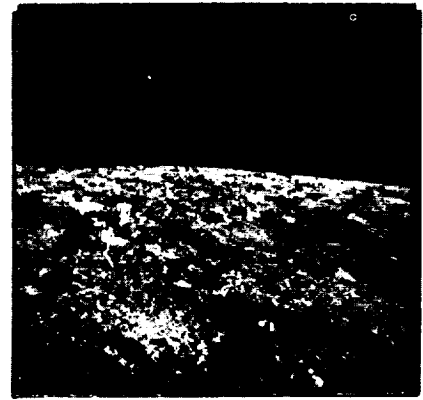
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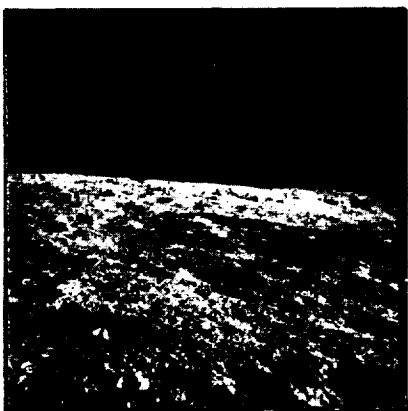
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AS12- 49-7210



AS12- 49-7211



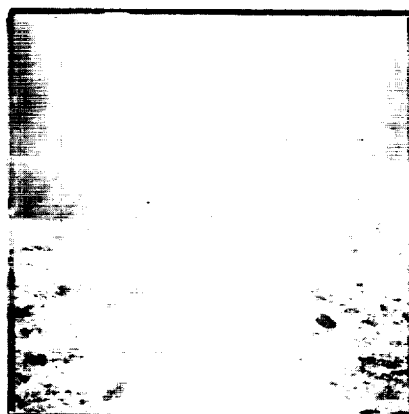
AS12- 49-7212



AS12- 49-7213



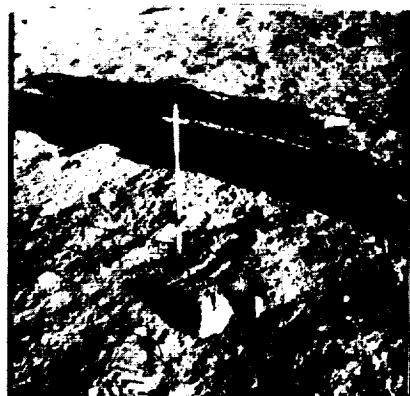
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AS12-49-7215



AS12-49-7216



AS12-49-7217



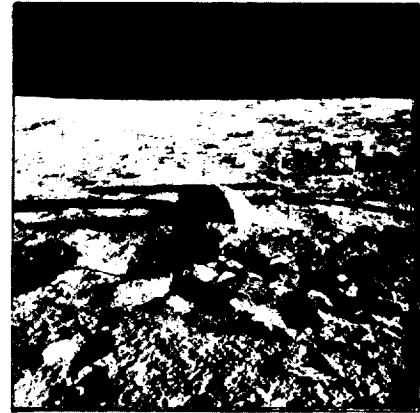
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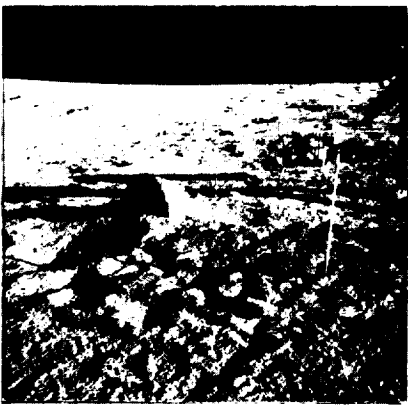
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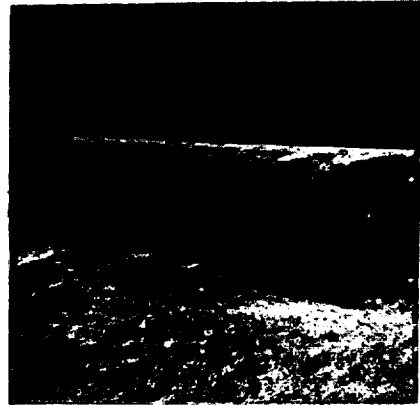
AS12- 49-7220



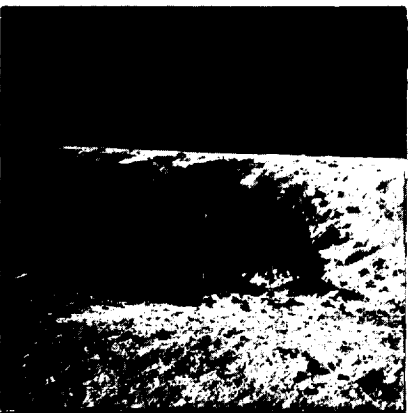
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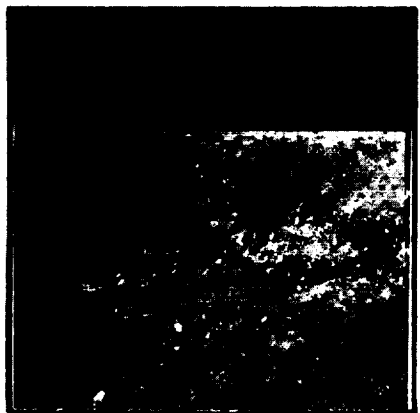
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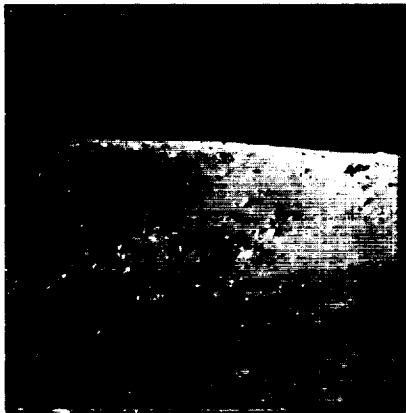
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AS12- 49-7224



AS12- 49-7225



AS12- 49-7226



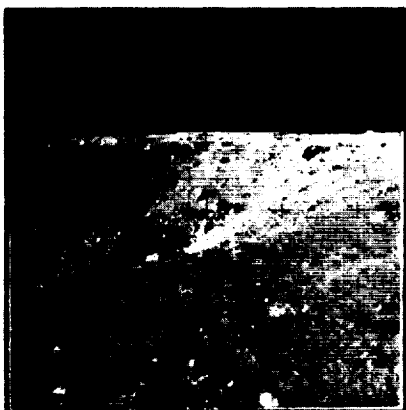
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AS12- 49-7228



AS12- 49-7229



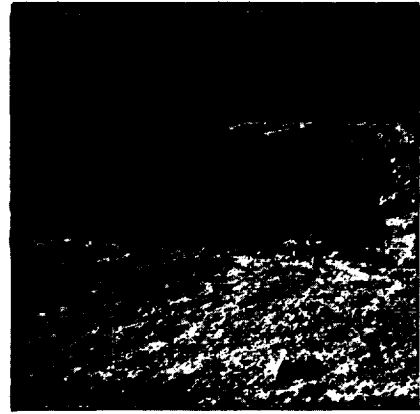
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AS12- 49-7231



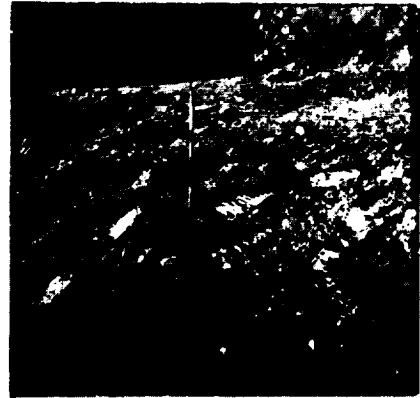
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AS12- 49-7233



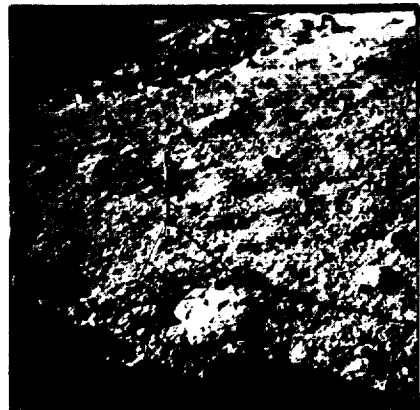
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AS12- 49-7235



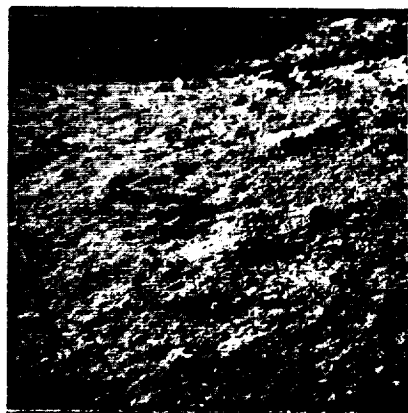
AS12- 49-7236



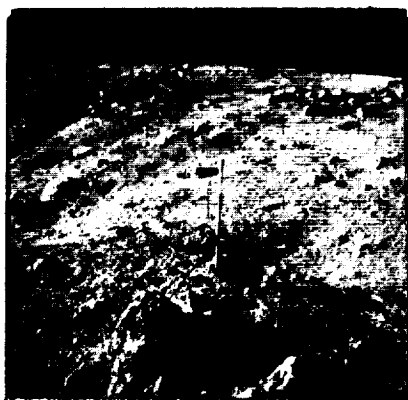
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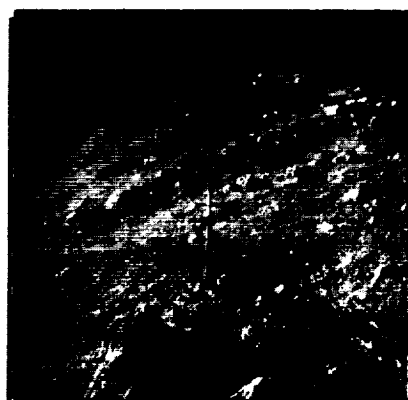
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AS12- 49-7239



AS12- 49-7240



AS12- 49-7241



AS12- 49-7242

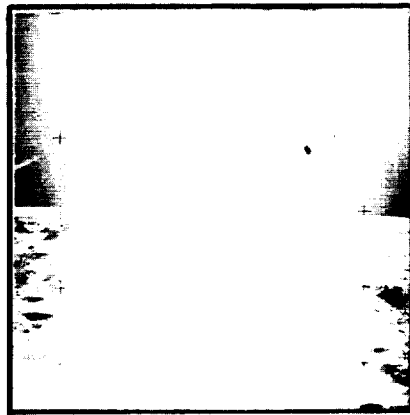


AS12- 49-7243

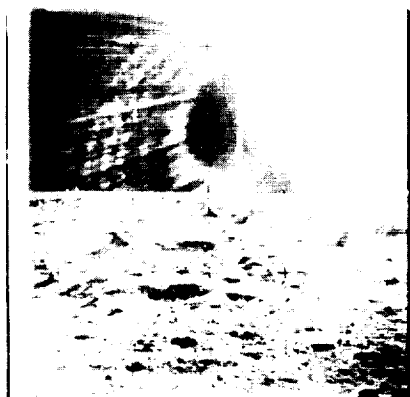




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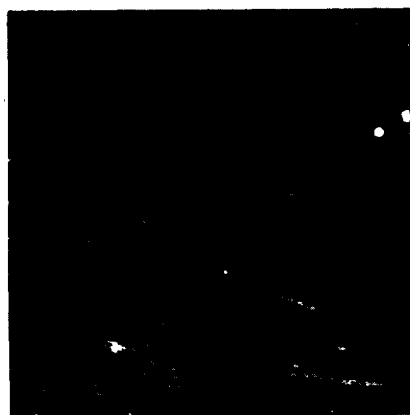
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AS12-49-7246



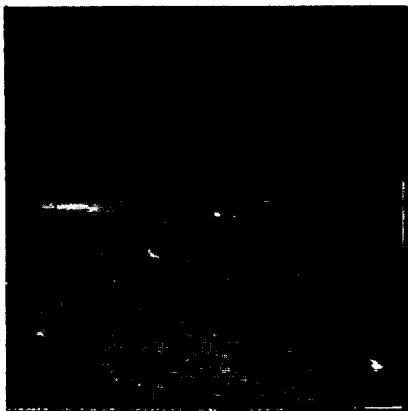
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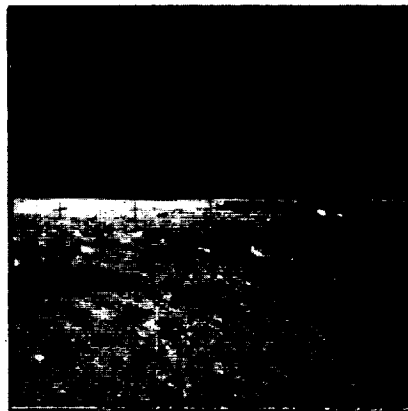
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AS12-49-7249



AS12-49-7250



AS12-49-7251



AS12-49-7252



AS12-49-7253



AS12-49-7254



AS12-49-7255



AS12-49-7256



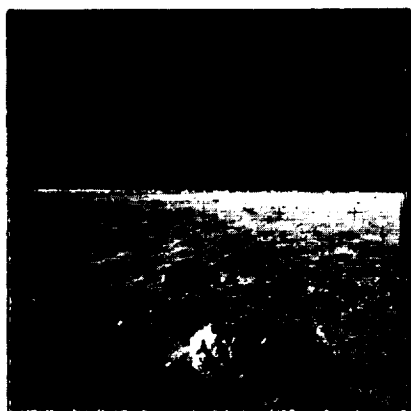
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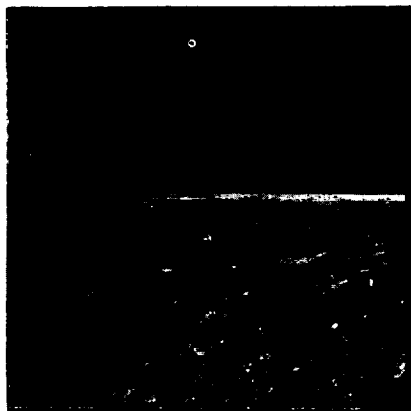
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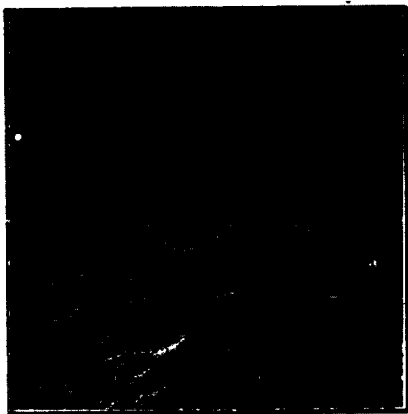
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AS12-49-7260



AS12-49-7261



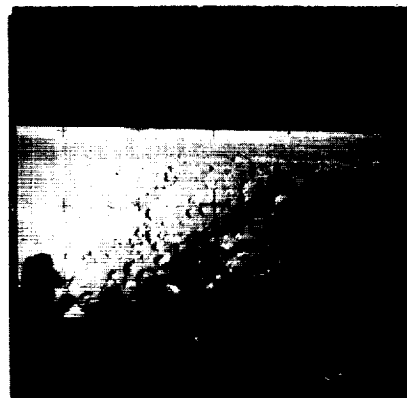
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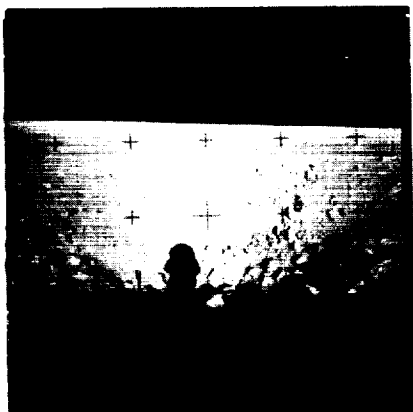
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AS12-49-7264



AS12- 49-7265



AS12-49-7266



AS12-49-7267



AS12-49-7268



AS12- 49-7269



AS12-49-7270



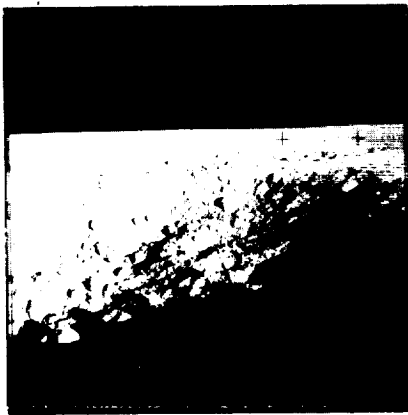
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AS12-49-7272



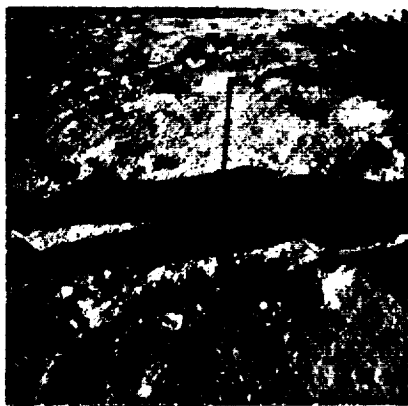
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AS12-49-7274



AS12-49-7275



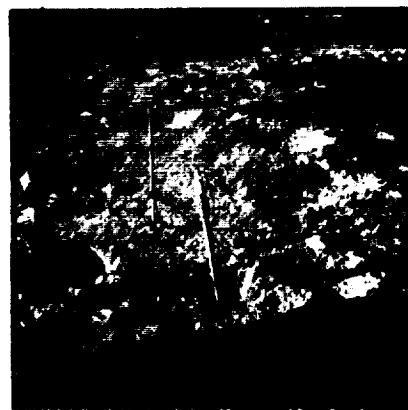
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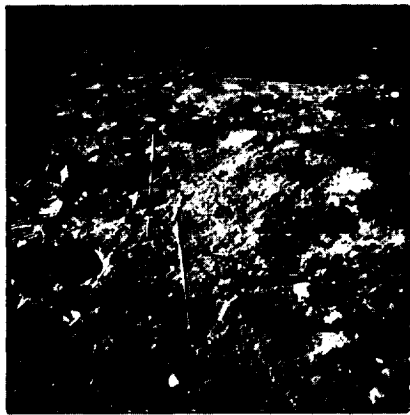
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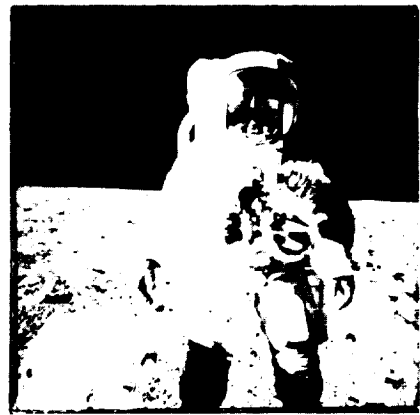
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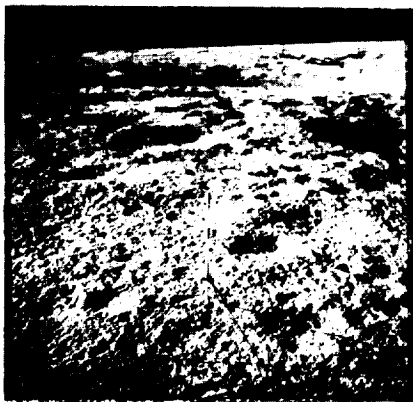
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AS12-49-7280



AS12-49-7281



AS12-49-7282



AS12-49-7283



AS12-49-7284



AS12-49-7285



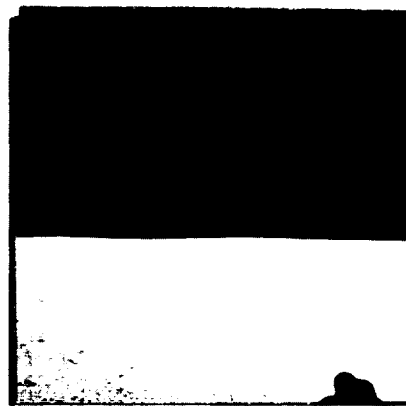
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AS12-49-7290



AS12-49-7291





AS12-49-7292



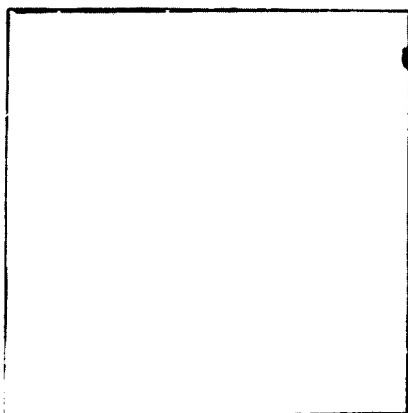
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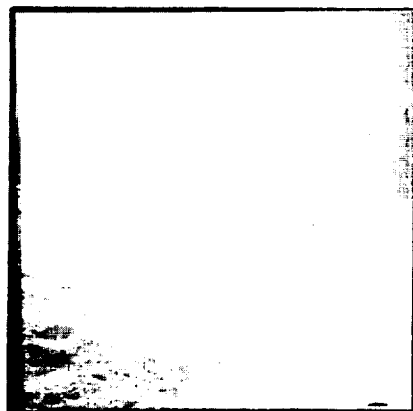
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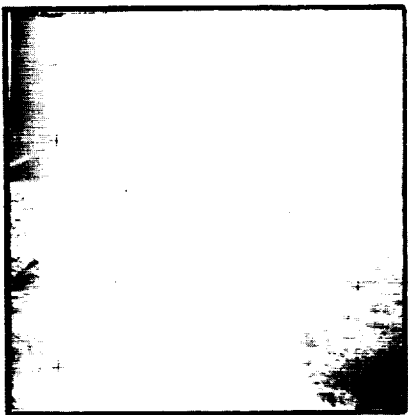
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AS12-49-7296



AS12-49-7297



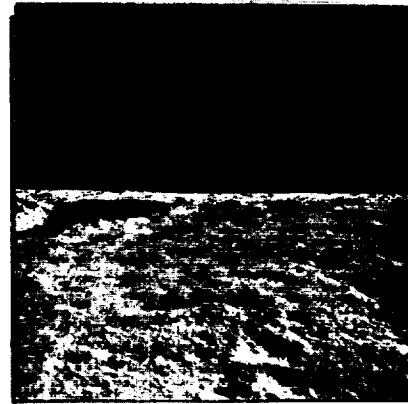
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AS12-49-7299



AS12-49-7300



AS12-49-7301



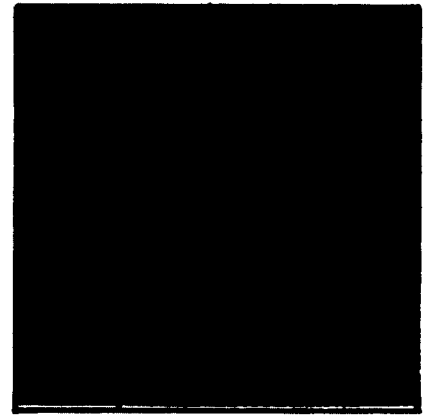
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AS12-49-7303



AS12-49-7304



AS12-49-7305



AS12-49-7306



AS12-49-7307



AS12-49-7308



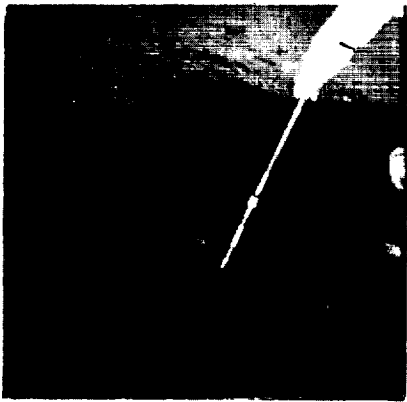
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AS12-49-7310



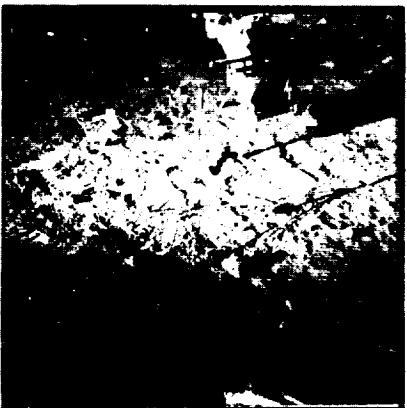
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AS12-49-7312



AS12-49-7313



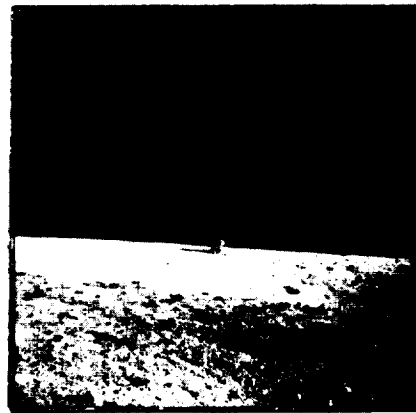
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AS12-49-7315



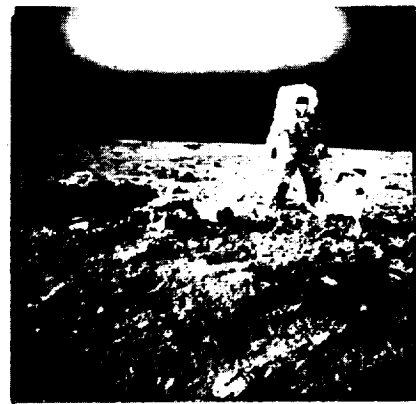
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AS12-49-7317



AS12-49-7318



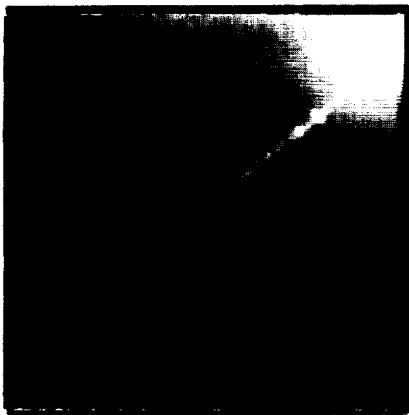
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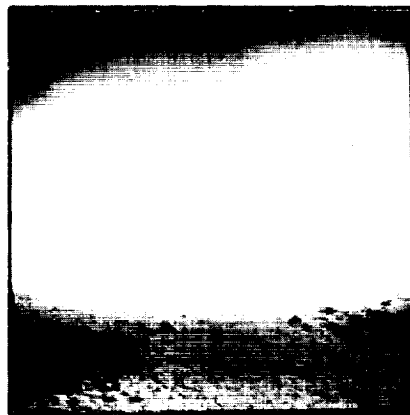
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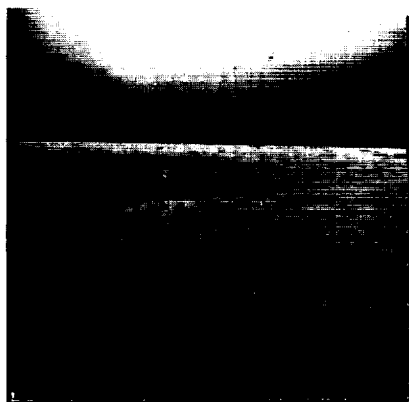
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AS12-49-7322



AS12-49-7323



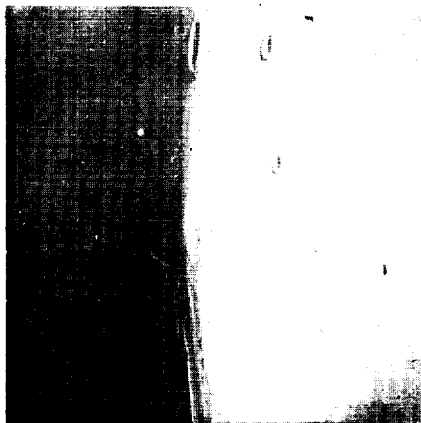
AS12-49-7324

**MAGAZINE**  
**EE**

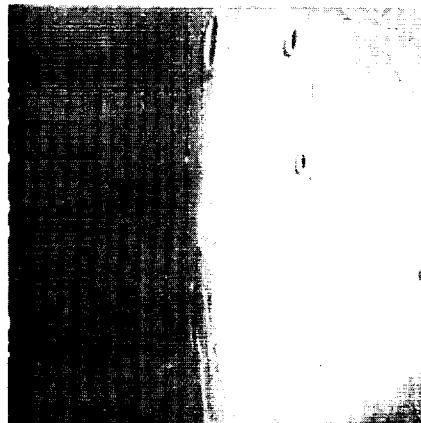
**AS12-55-8121 thru AS12-55-8297**



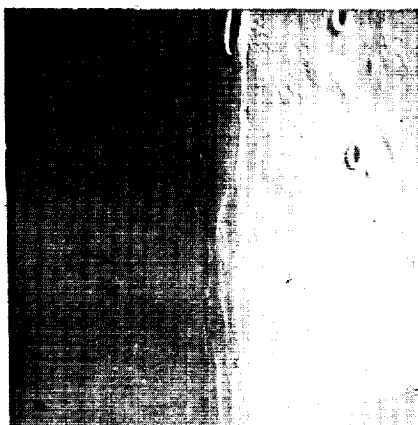




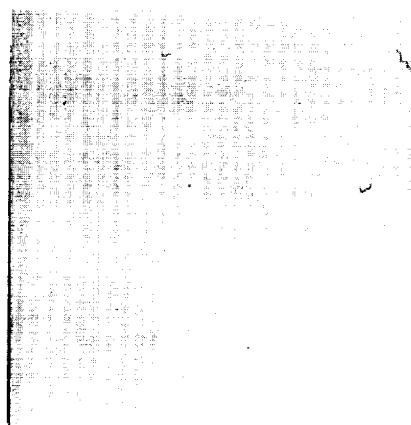
AS12- 55-8121



AS12- 55-8122



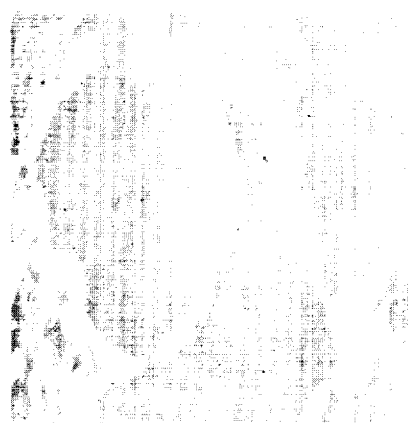
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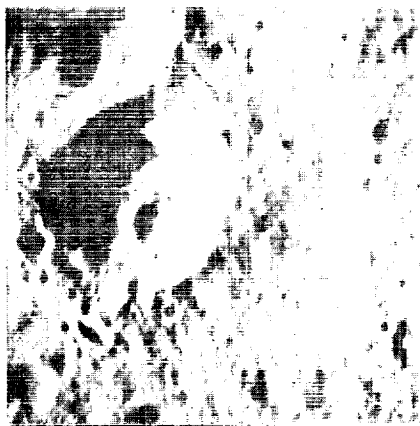
AS12- 55-8124



AS12- 55-8125



AS12- 55-8126



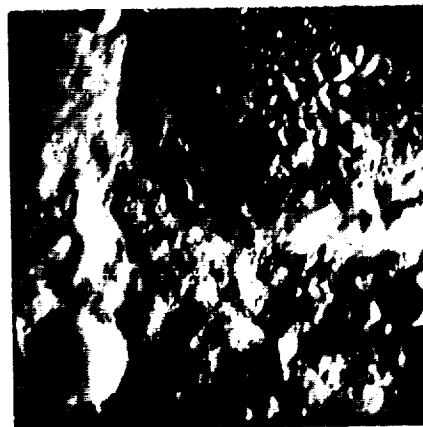
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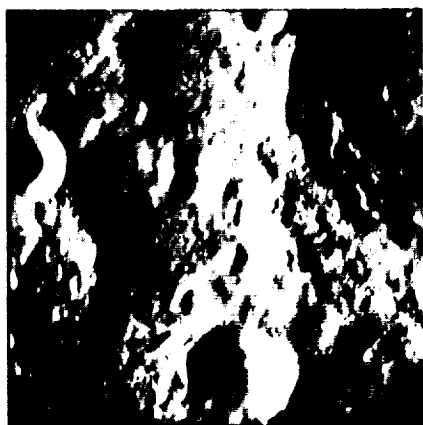
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AS12- 55-8129



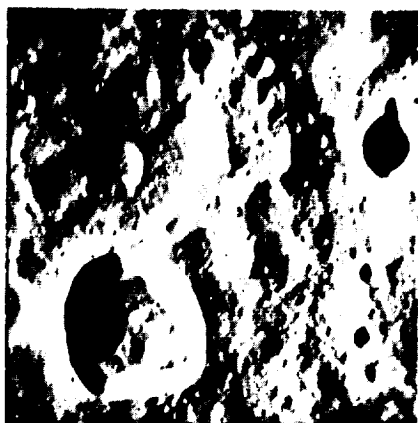
AS12- 55-8130



AS12- 55-8131



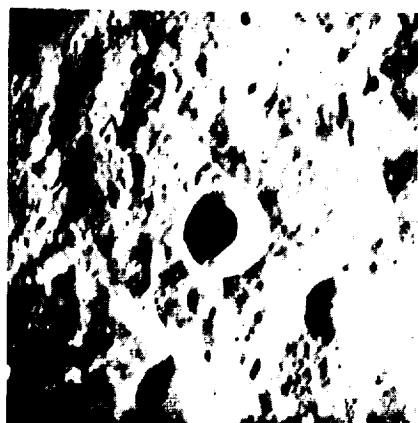
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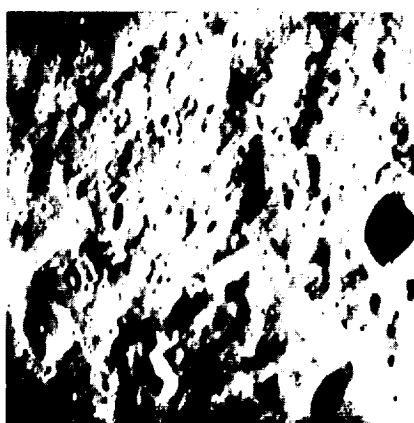
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AS12- 55-8134



AS12- 55-8135



AS12- 55-8136



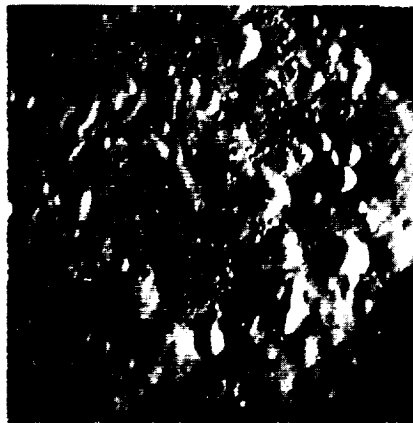
AS12- 55-8137



AS12- 55-8138



AS12- 55-8139



AS12- 55-8140



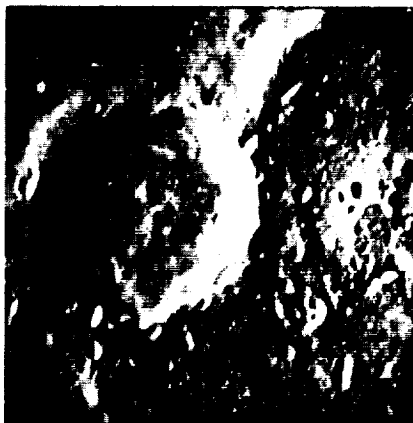
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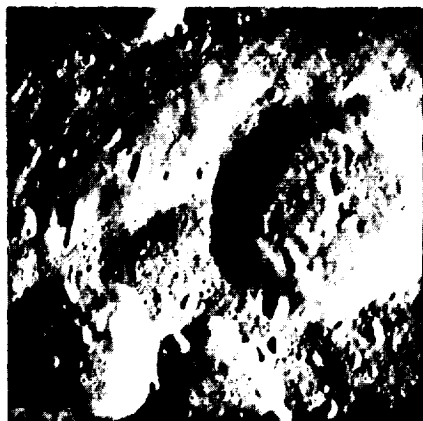
AS12- 55-8142



AS12- 55-8143



AS12- 55-8144



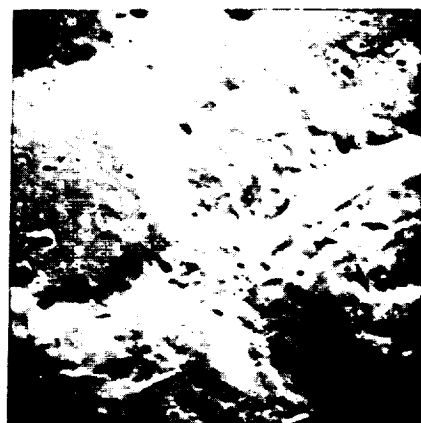
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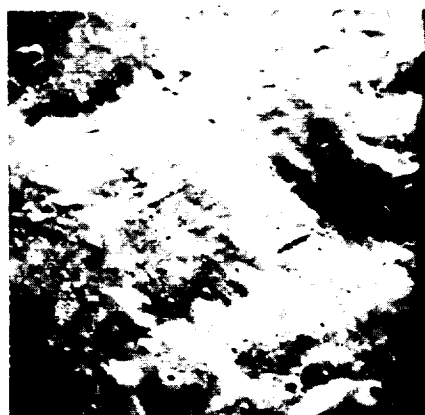
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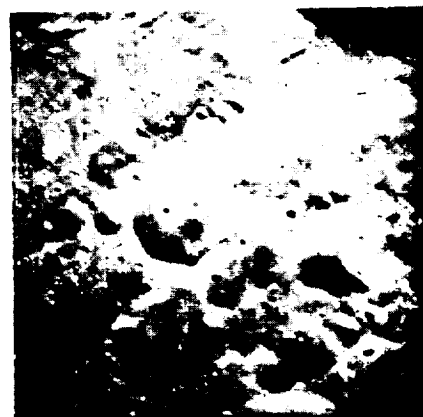
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AS12- 55-8148



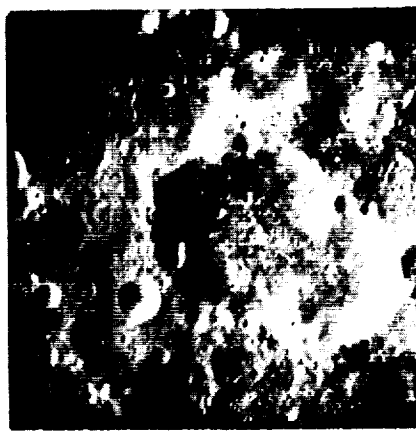
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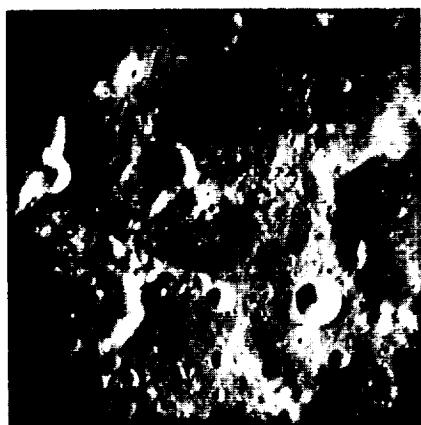
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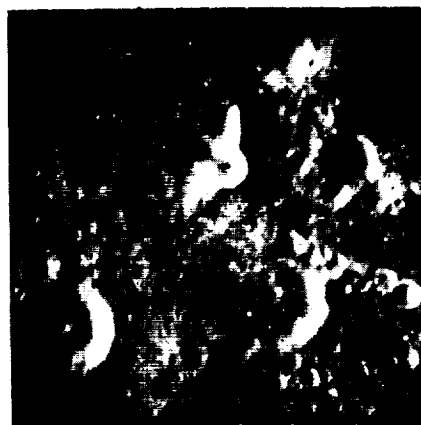
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AS12- 55-8152



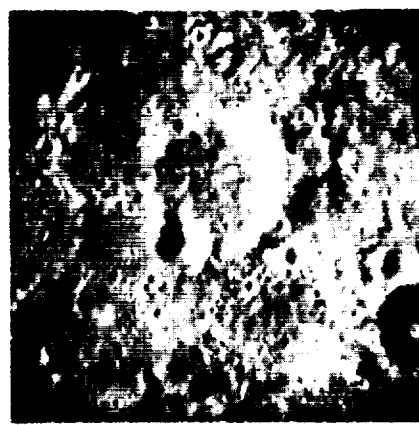
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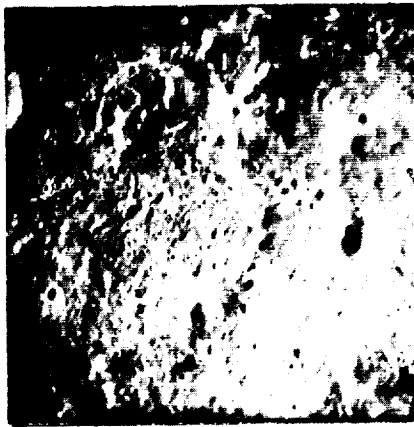
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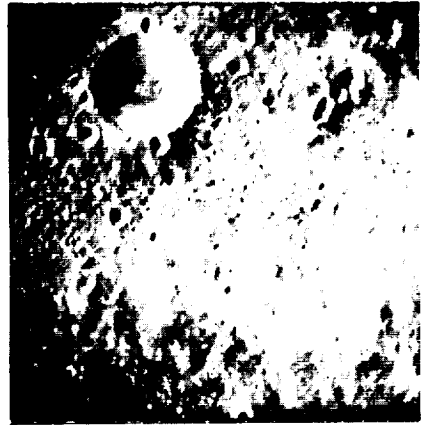
AS12- 55-8155



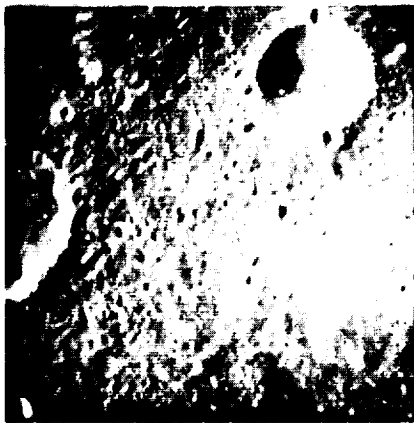
AS12- 55-8156



AS12- 55-8157



AS12- 55-8158



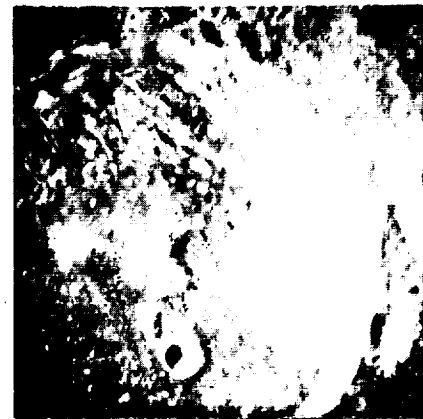
AS12- 55-8159



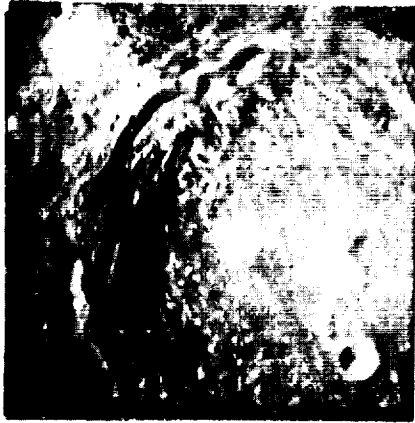
AS12- 55-8160



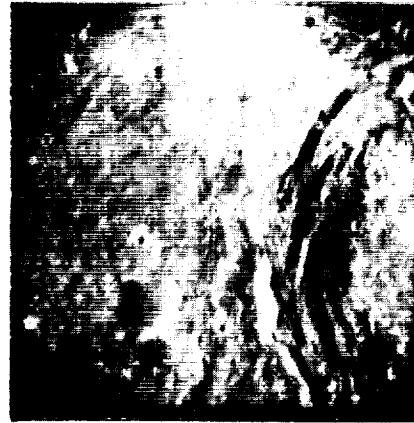
AS12- 55-8161



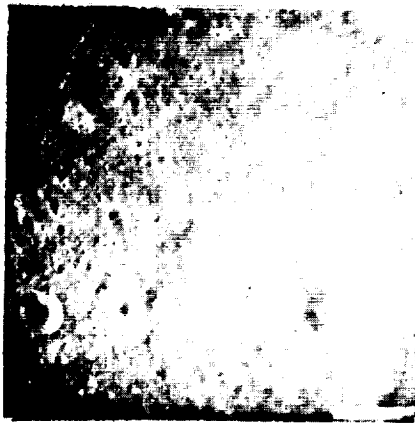
AS12- 55-8162



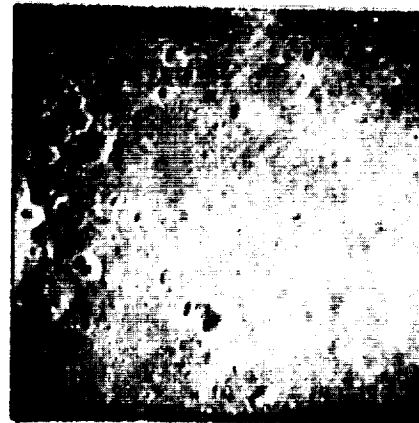
AS12- 55-8163



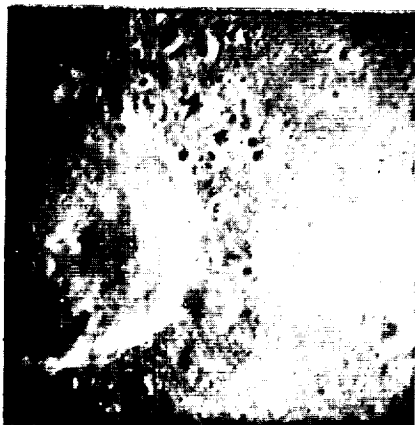
AS12- 55-8164



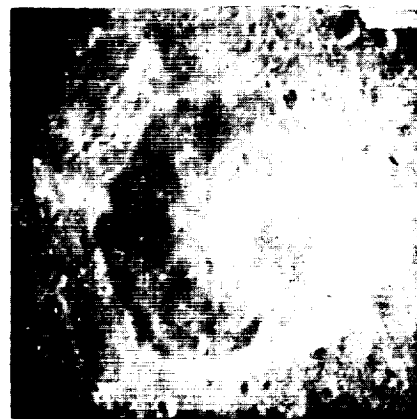
AS12- 55-8165



AS12- 55-8166

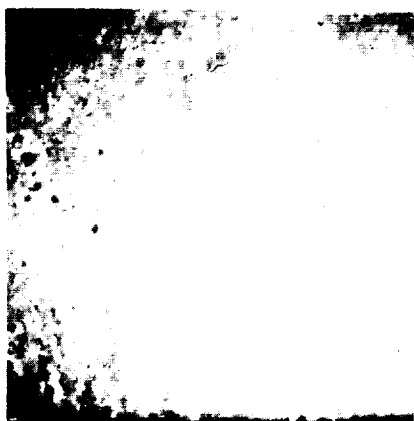


AS12- 55-8167

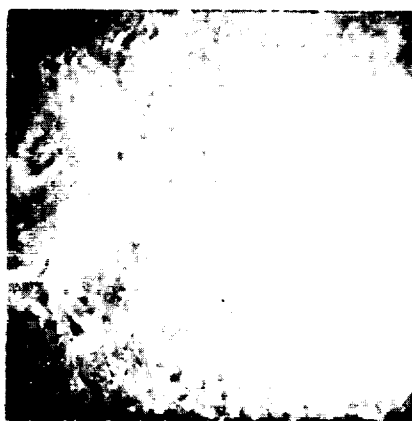


AS12- 55-8168





AS12- 55-8169



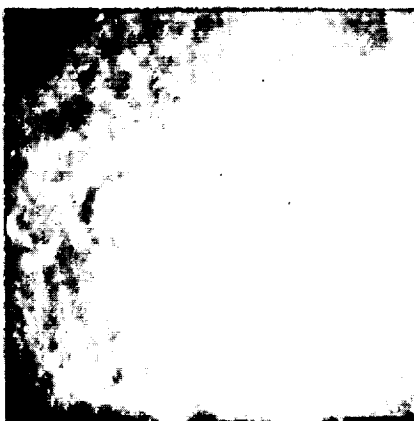
AS12- 55-8170



AS12- 55-8171



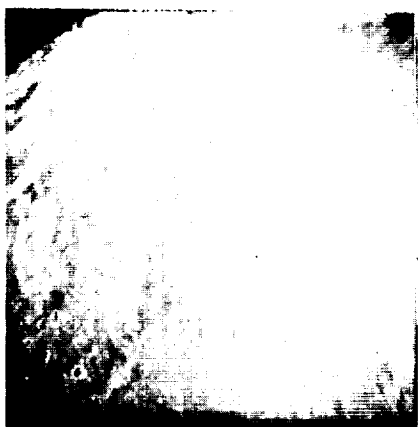
AS12- 55-8172



AS12- 55-8173



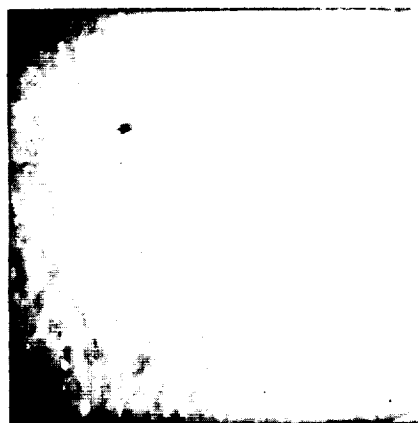
AS12- 55-8174



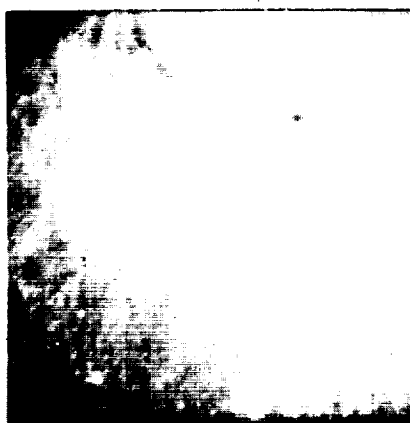
AS12- 55-8175



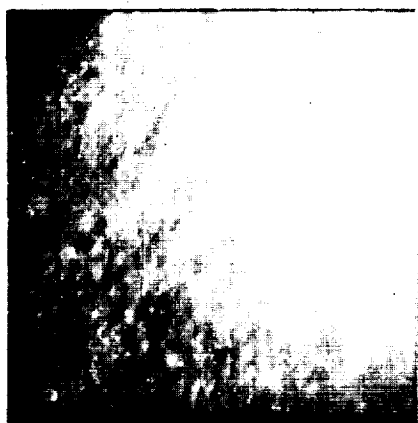
AS12- 55-8176



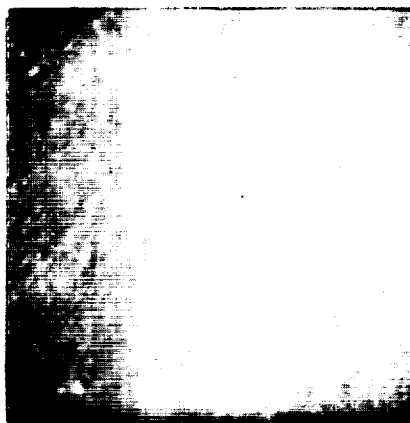
AS12- 55-8177



AS12- 55-8178



AS12- 55-8179



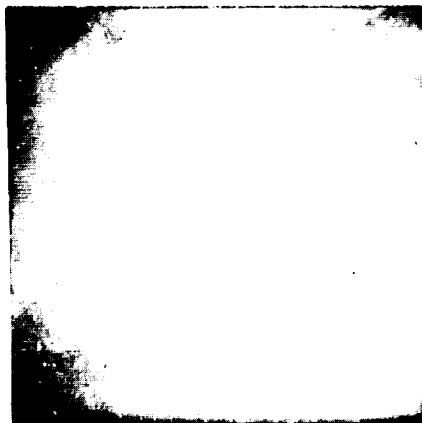
AS12- 55-8180



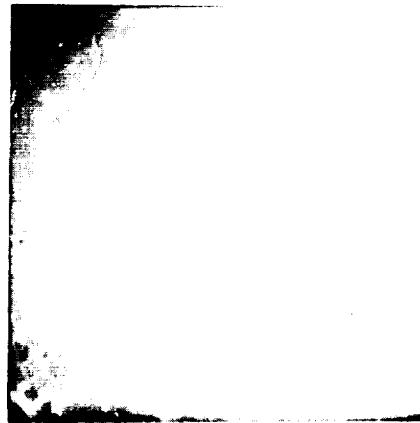
AS12- 55-8181



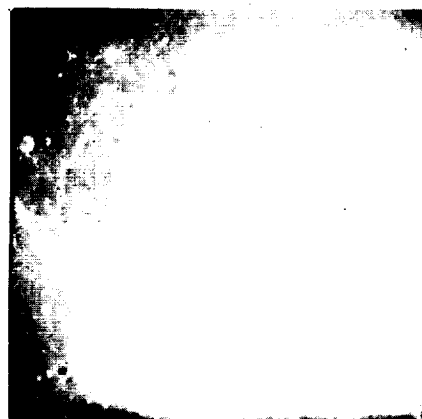
AS12- 55-8182



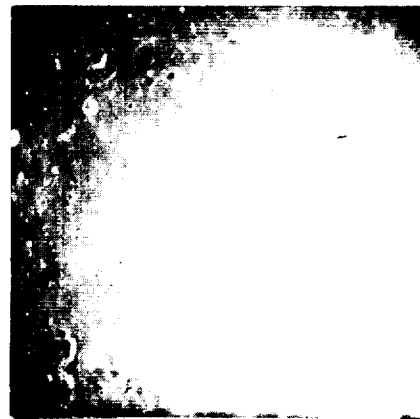
AS12- 55-8183



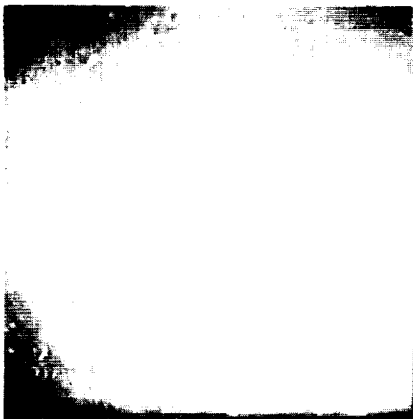
AS12- 55-8184



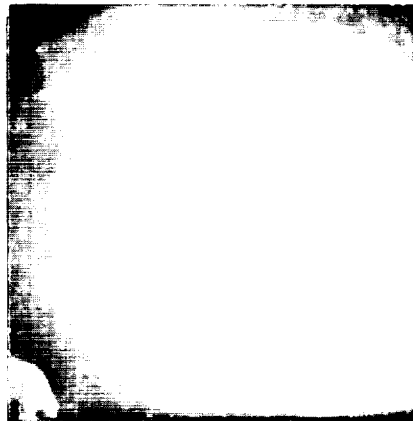
AS12- 55-8185



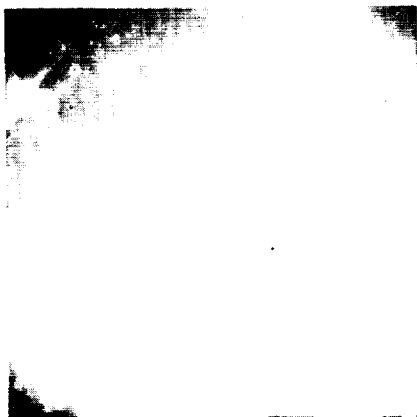
AS12- 55-8186



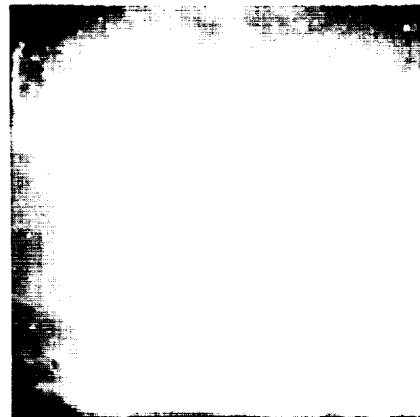
AS12- 55-8187



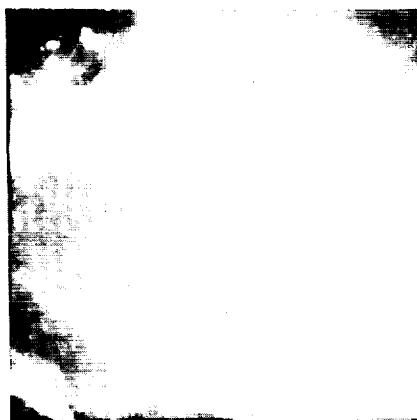
AS12- 55-8188



AS12- 55-8189



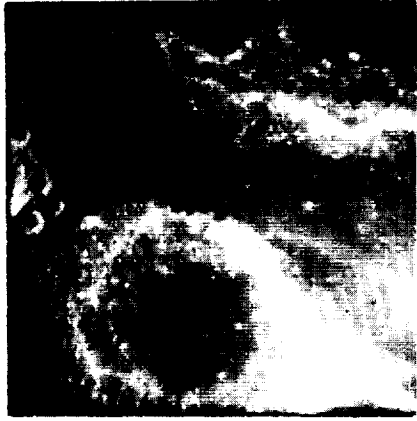
AS12- 55-8190



AS12- 55-8191



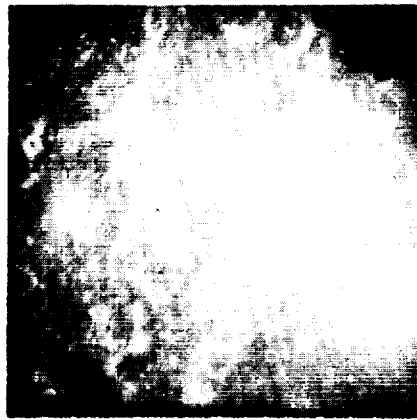
AS12- 55-8192



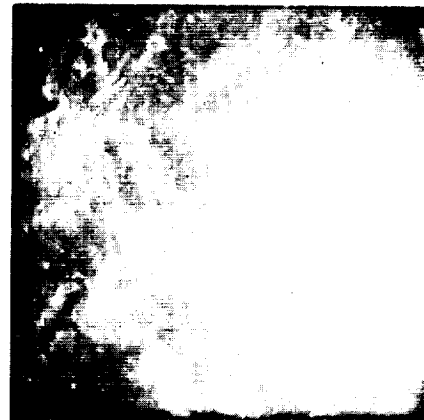
AS12- 55-8193



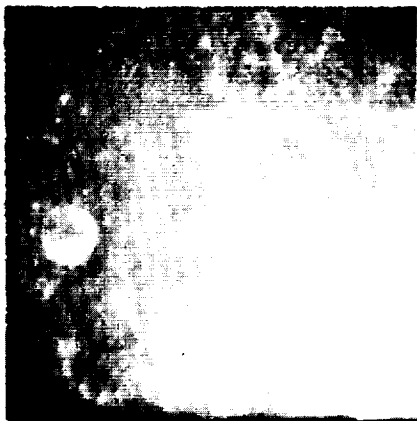
AS12- 55-8194



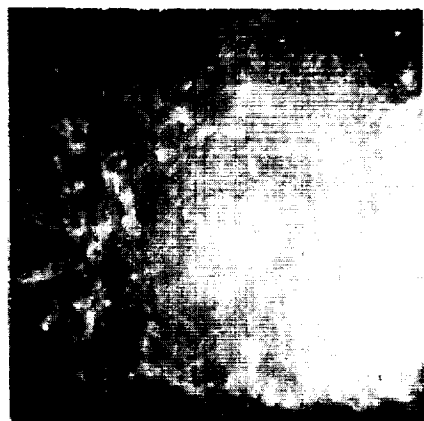
AS12- 55-8195



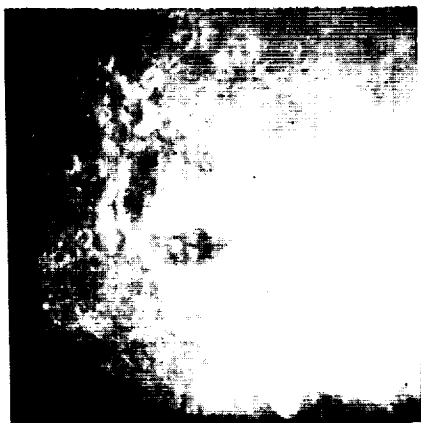
AS12- 55-8196



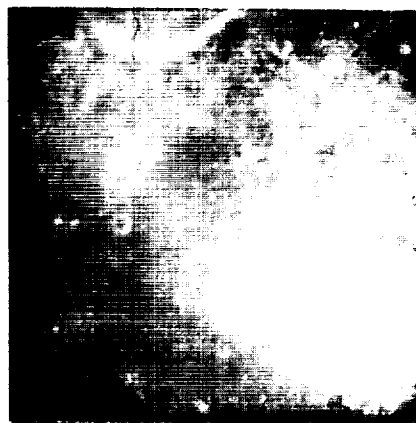
AS12- 55-8197



AS12- 55-8198



AS12- 55-8199



AS12- 55-8200



AS12- 55-8201



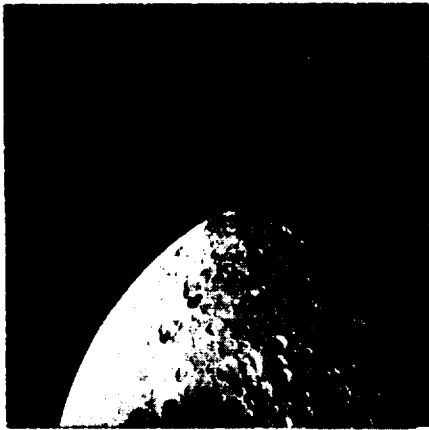
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AS12- 55-8203



AS12- 55-8204



AS12- 55-8205



AS12- 55-8206



AS12- 55-8207



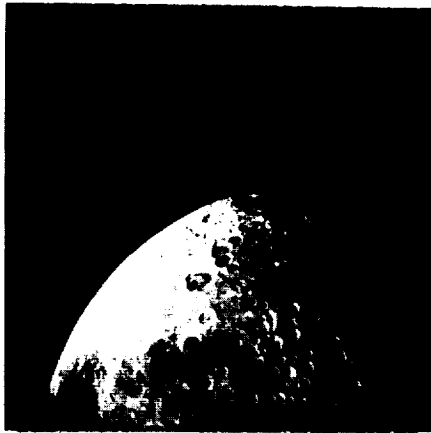
AS12- 55-8208



AS12- 55-8209



AS12- 55-8210



AS12-55-8211



AS12-55-8212



AS12-55-8213



AS12-55-8214



AS12-55-8215

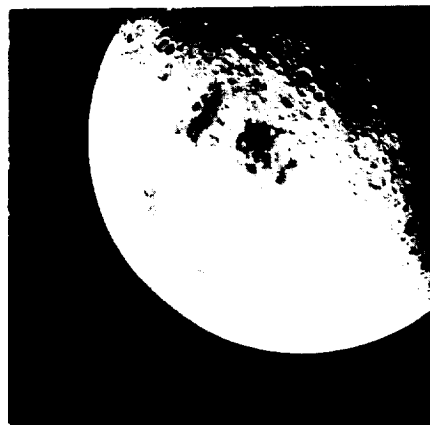


AS12-55-8216





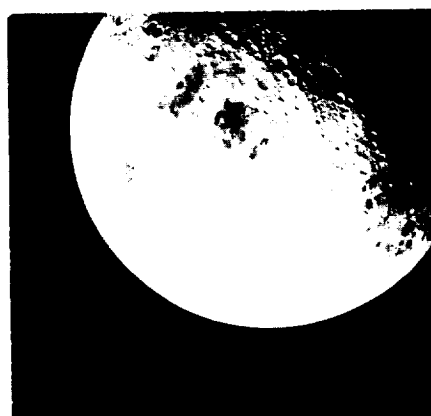
AS12- 55-8217



AS12- 55-8218



AS12- 55-8219



AS12- 55-8220



AS12- 55-8221



AS12- 55-8222



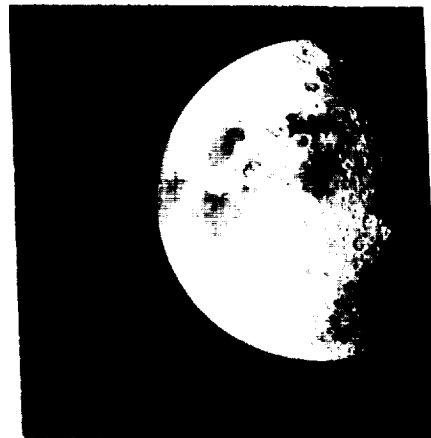
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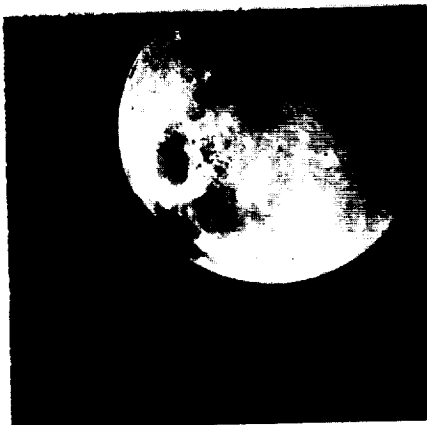
AS12-55-8224



AS12-55-8225



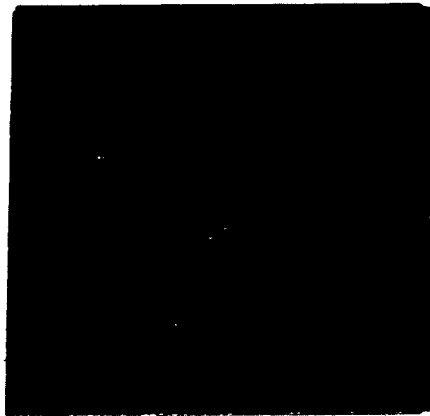
AS12-55-8226



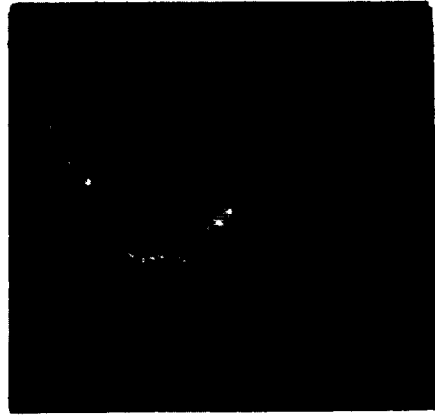
AS12-55-8227



AS12-55-8228



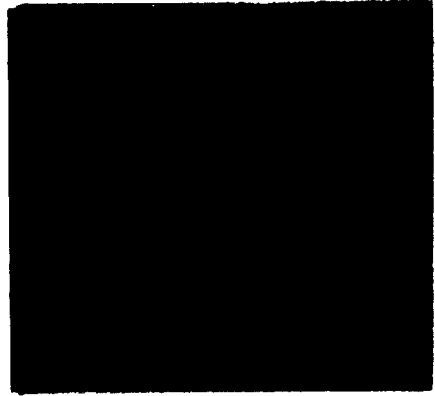
AS12-55-8229



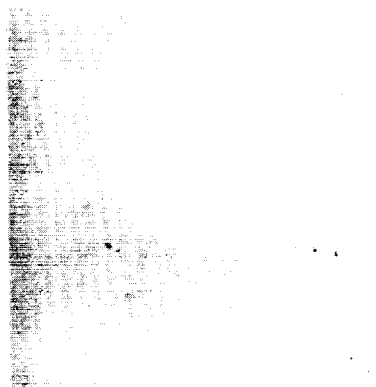
AS12-55-8230



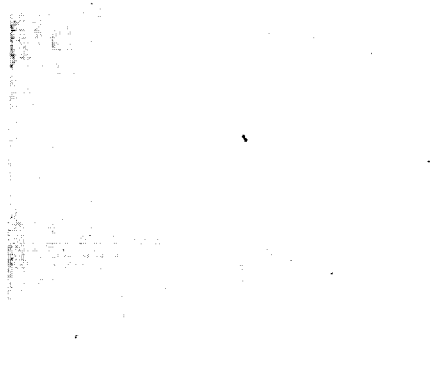
AS12-55-8231



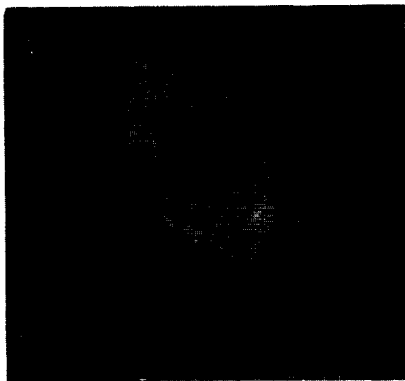
AS12-55-8232



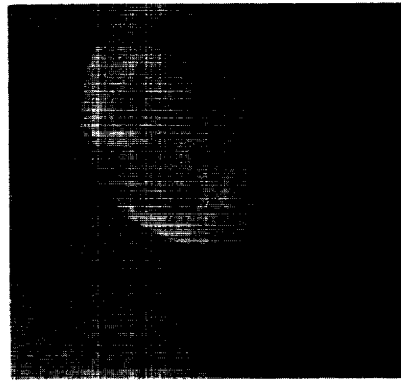
AS12-55-8233



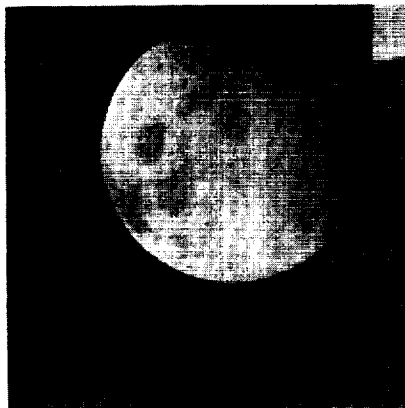
AS12-55-8234



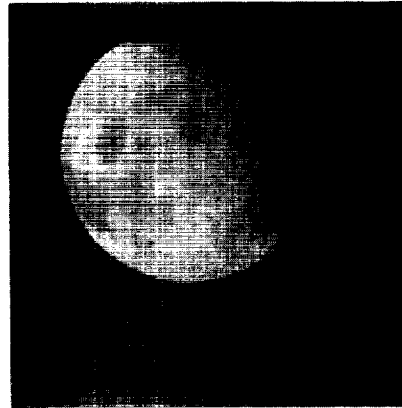
AS12- 55-8235



AS12- 55-8236



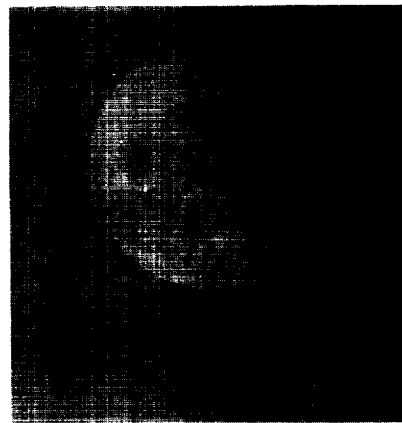
AS12- 55-8237



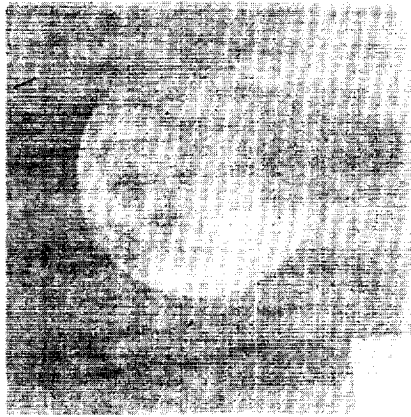
AS12- 55-8238



AS12- 55-8239



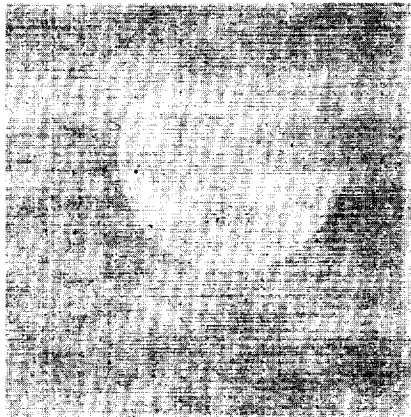
AS12- 55-8240



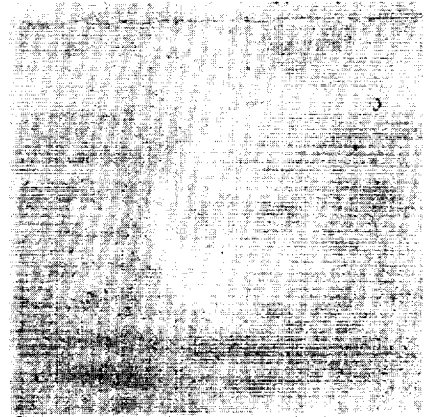
AS12-55-8241



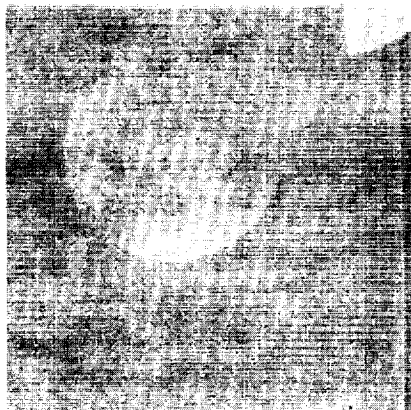
AS12-55-8242



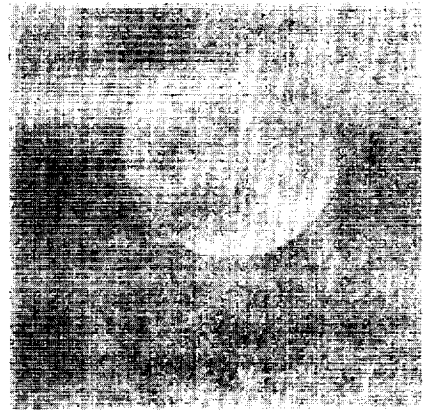
AS12-55-8243



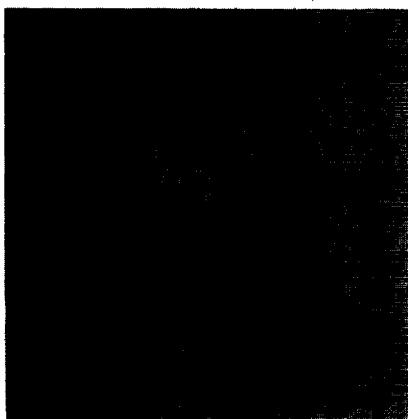
AS12-55-8244



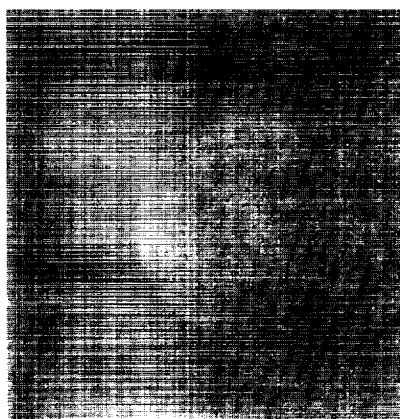
AS12-55-8245



AS12-55-8246



AS12-55-8247



AS12-55-8248



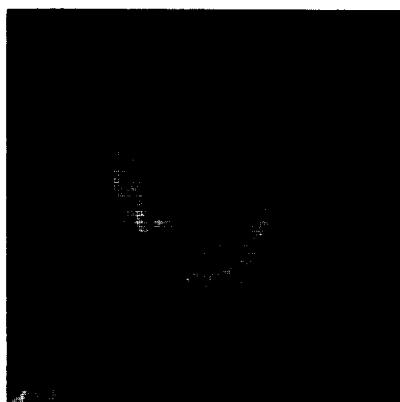
AS12-55-8249



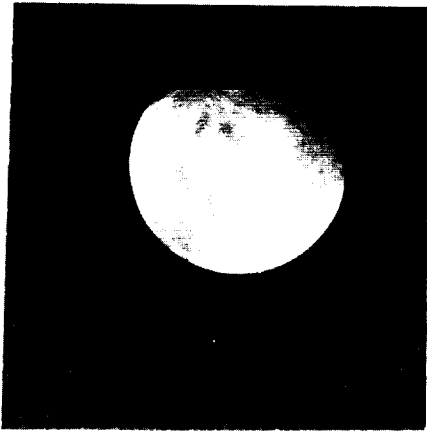
AS12-55-8250



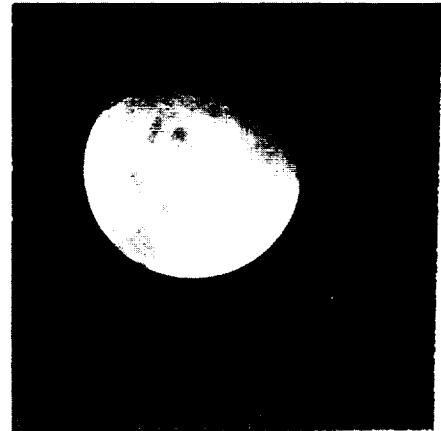
AS12-55-8251



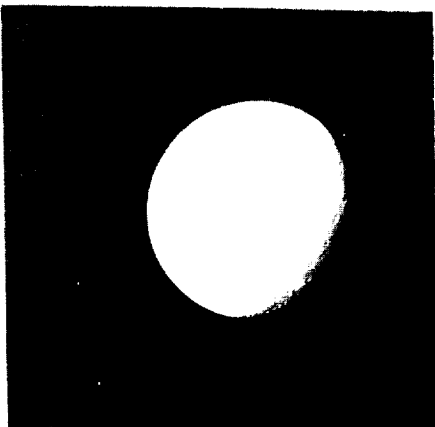
AS12-55-8252



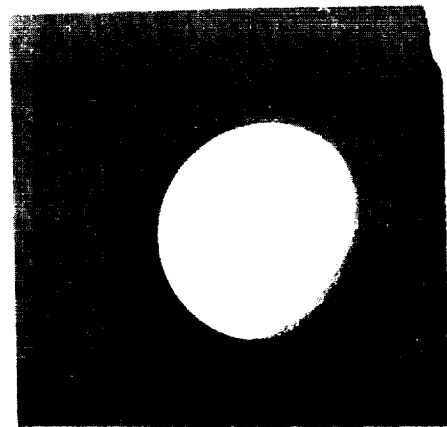
AS12-55-8253



AS12-55-8254



AS12-55-8255



AS12-55-8256



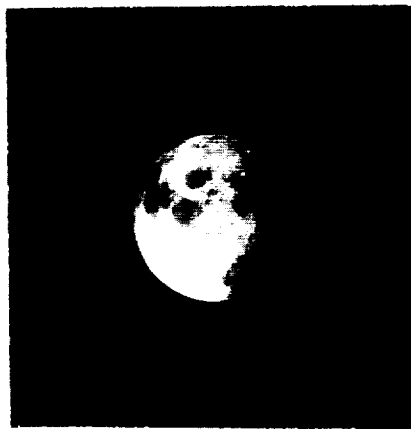
AS12-55-8257



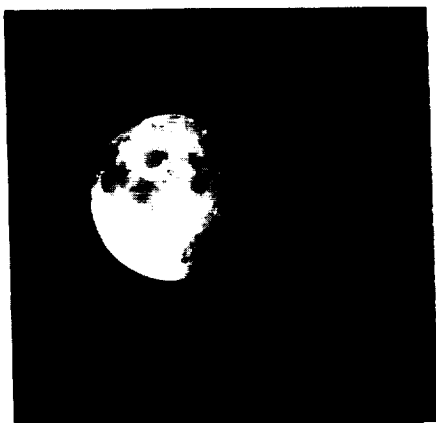
AS12-55-8258



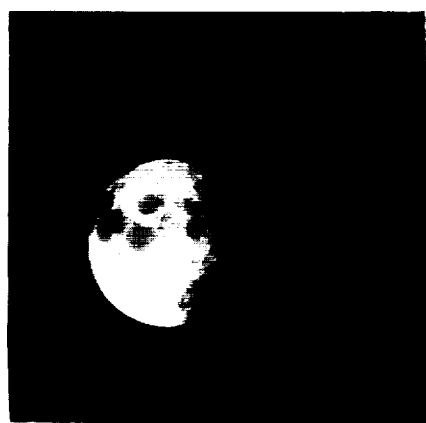
AS12-55-8259



AS12-55-8260



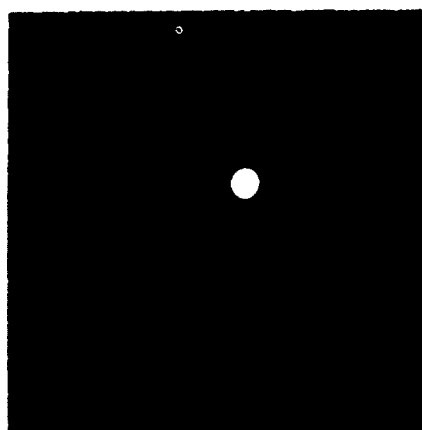
AS12-55-8261



AS12-55-8262

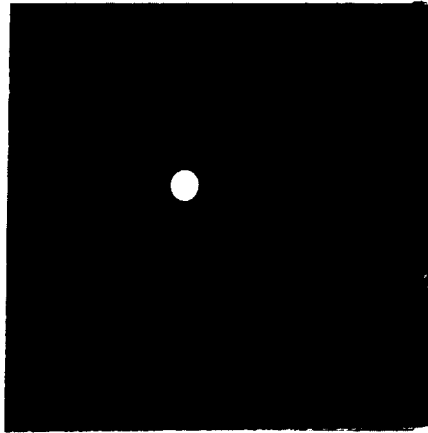


AS12-55-8263

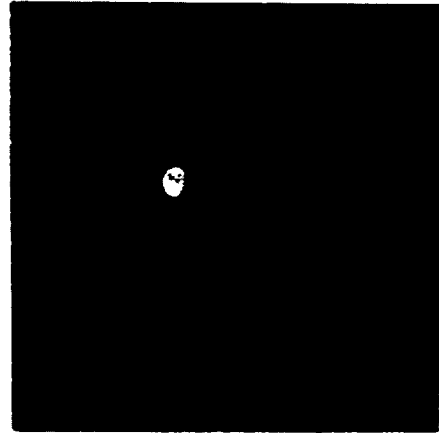


AS12-55-8264

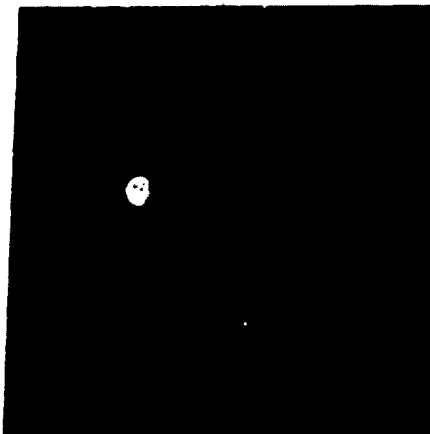




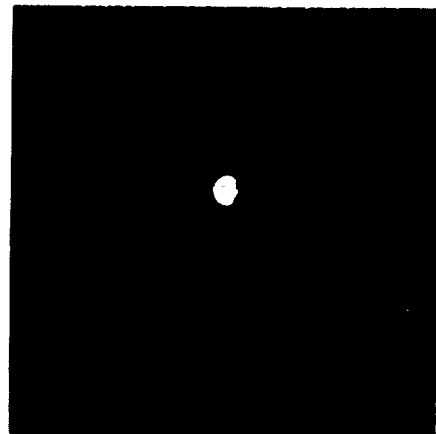
AS12- 55-8265



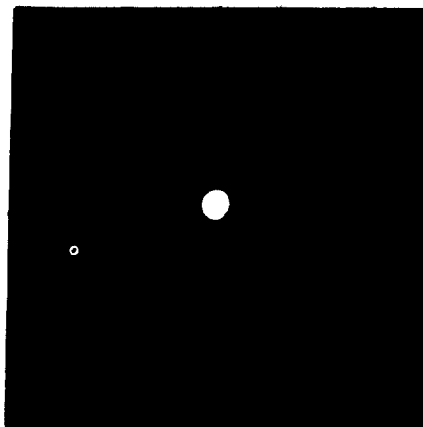
AS12- 55-8266



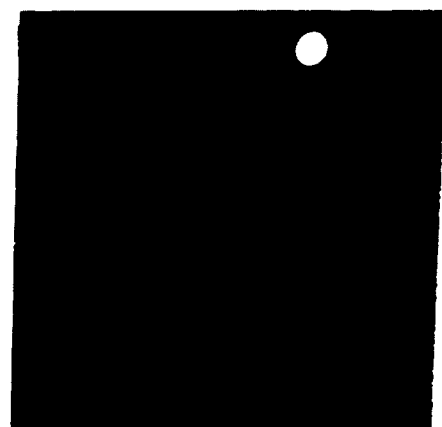
AS12- 55-8267



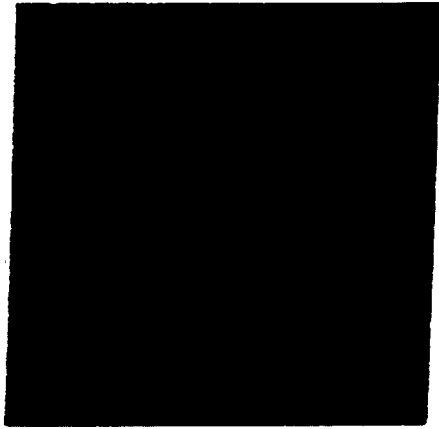
AS12- 55-8268



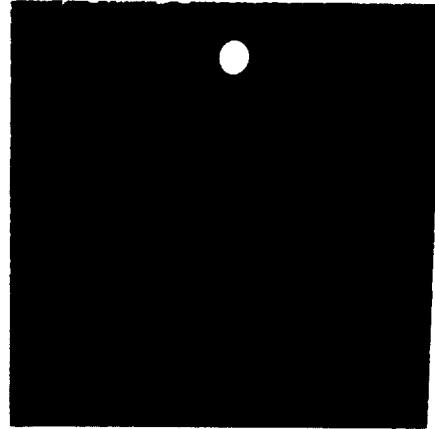
AS12- 55-8269



AS12- 55-8270



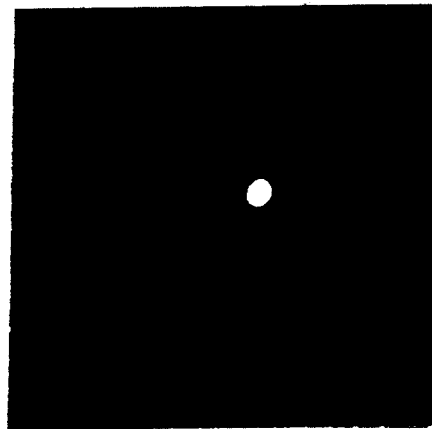
AS12- 55-8271



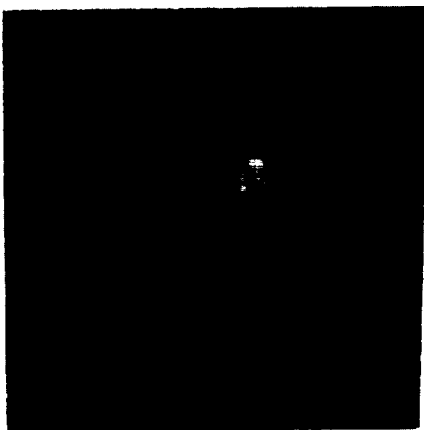
AS12- 55-8272



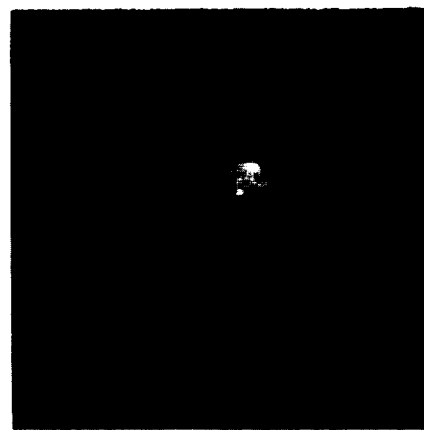
AS12- 55-8273



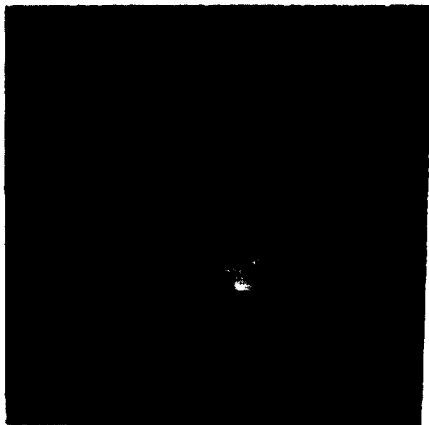
AS12- 55-8274



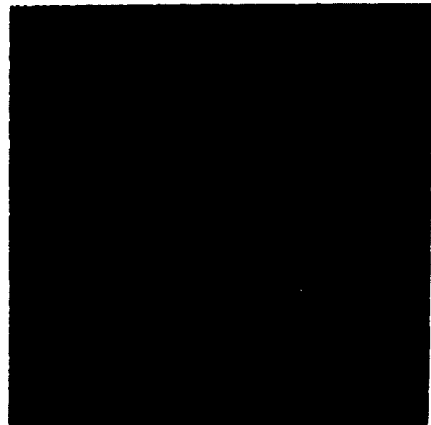
AS12- 55-8275



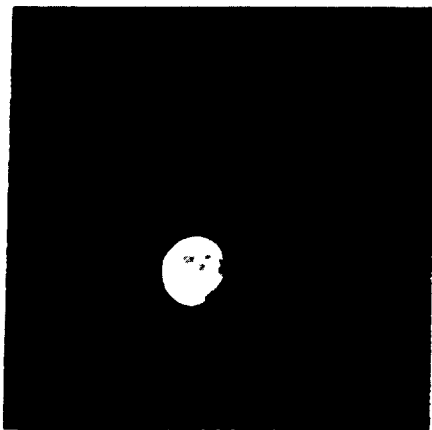
AS12- 55-8276



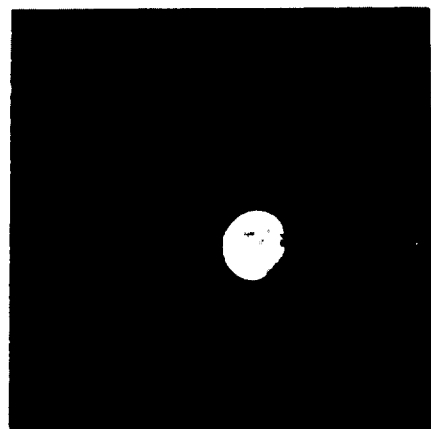
AS12- 55-8277



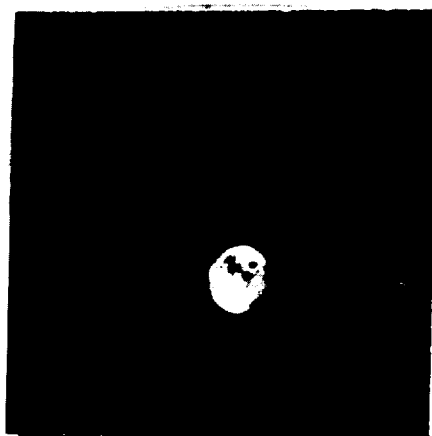
AS12- 55-8278



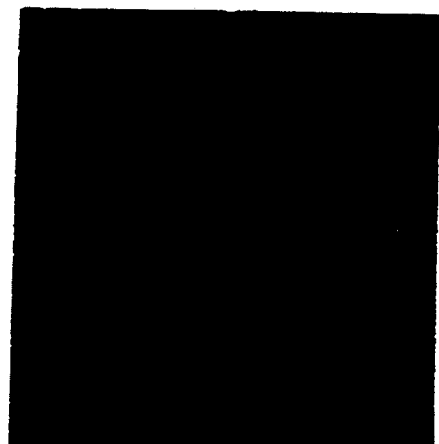
AS12- 55-8279



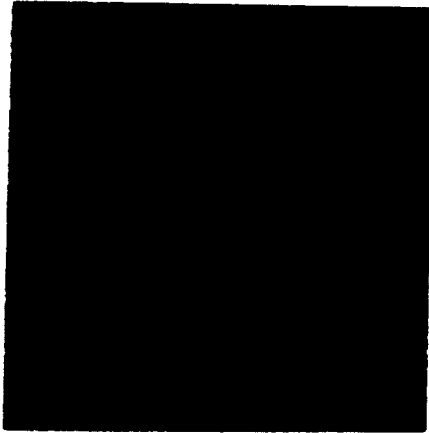
AS12- 55-8280



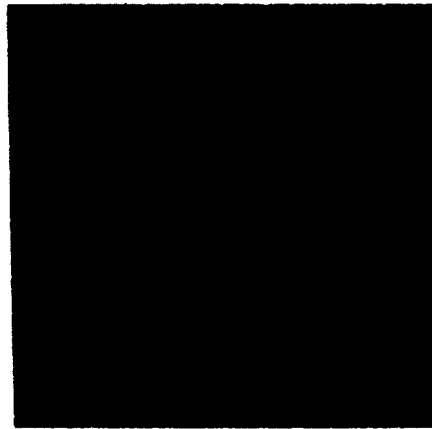
AS12- 55-8281



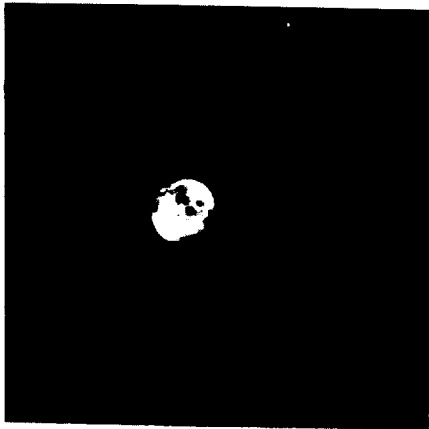
AS12- 55-8282



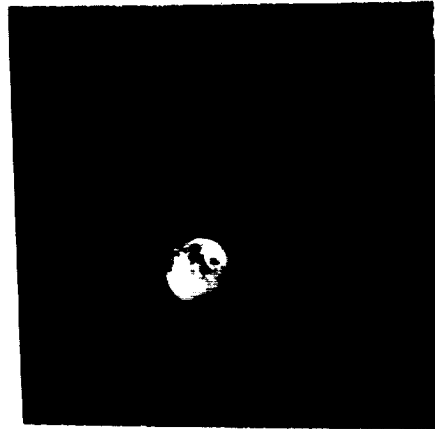
AS12- 55-8283



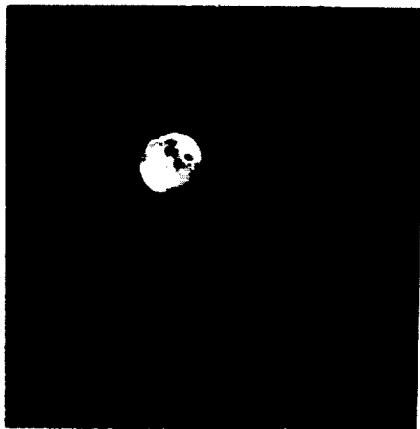
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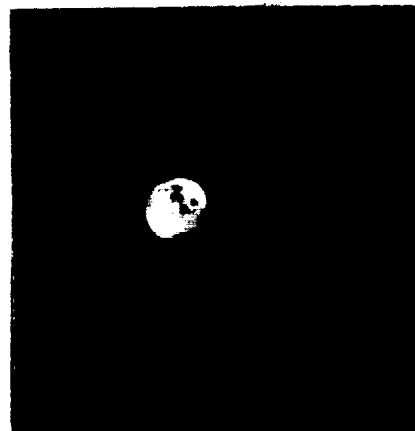
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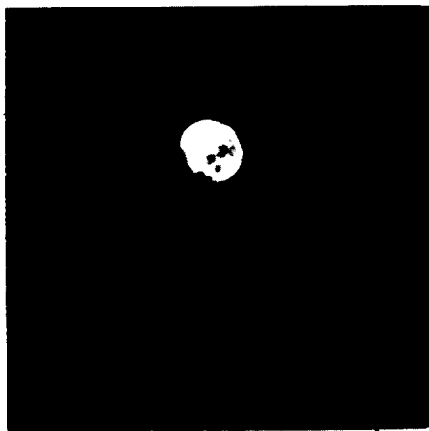
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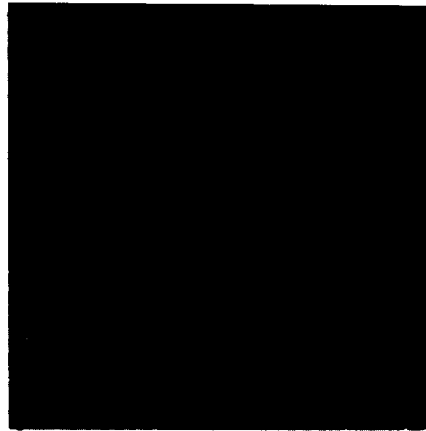
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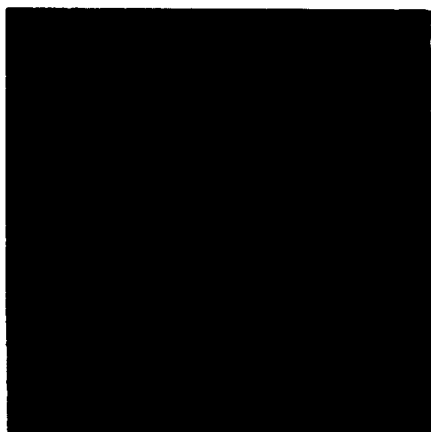
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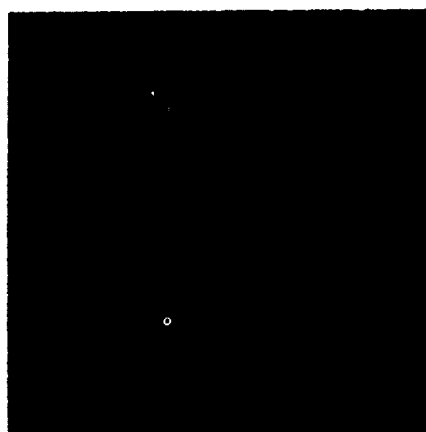
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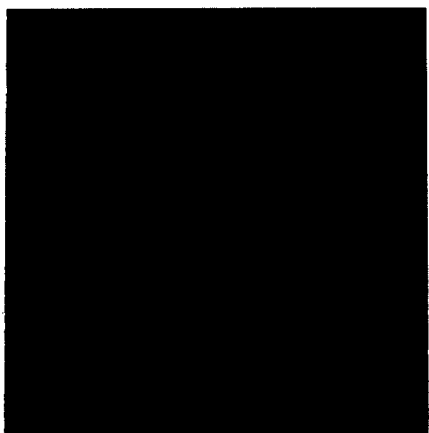
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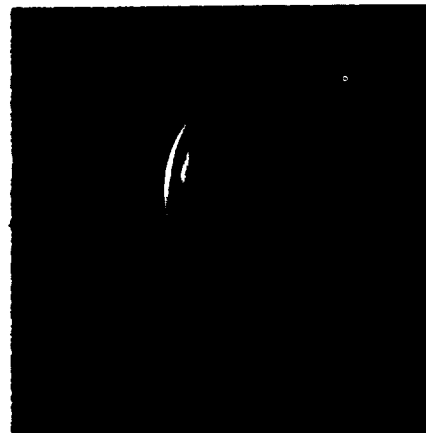
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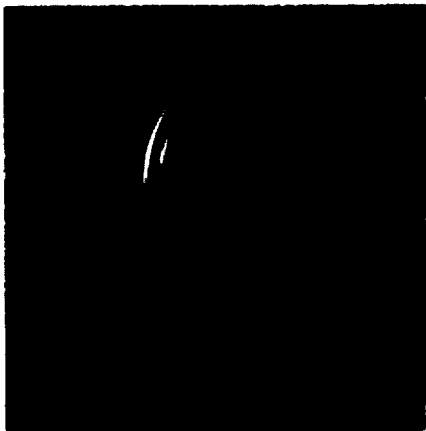
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AS12- 55-8293



AS12- 55-8294



AS12- 55-8295



AS12-55-8296



AS12- 55-8297

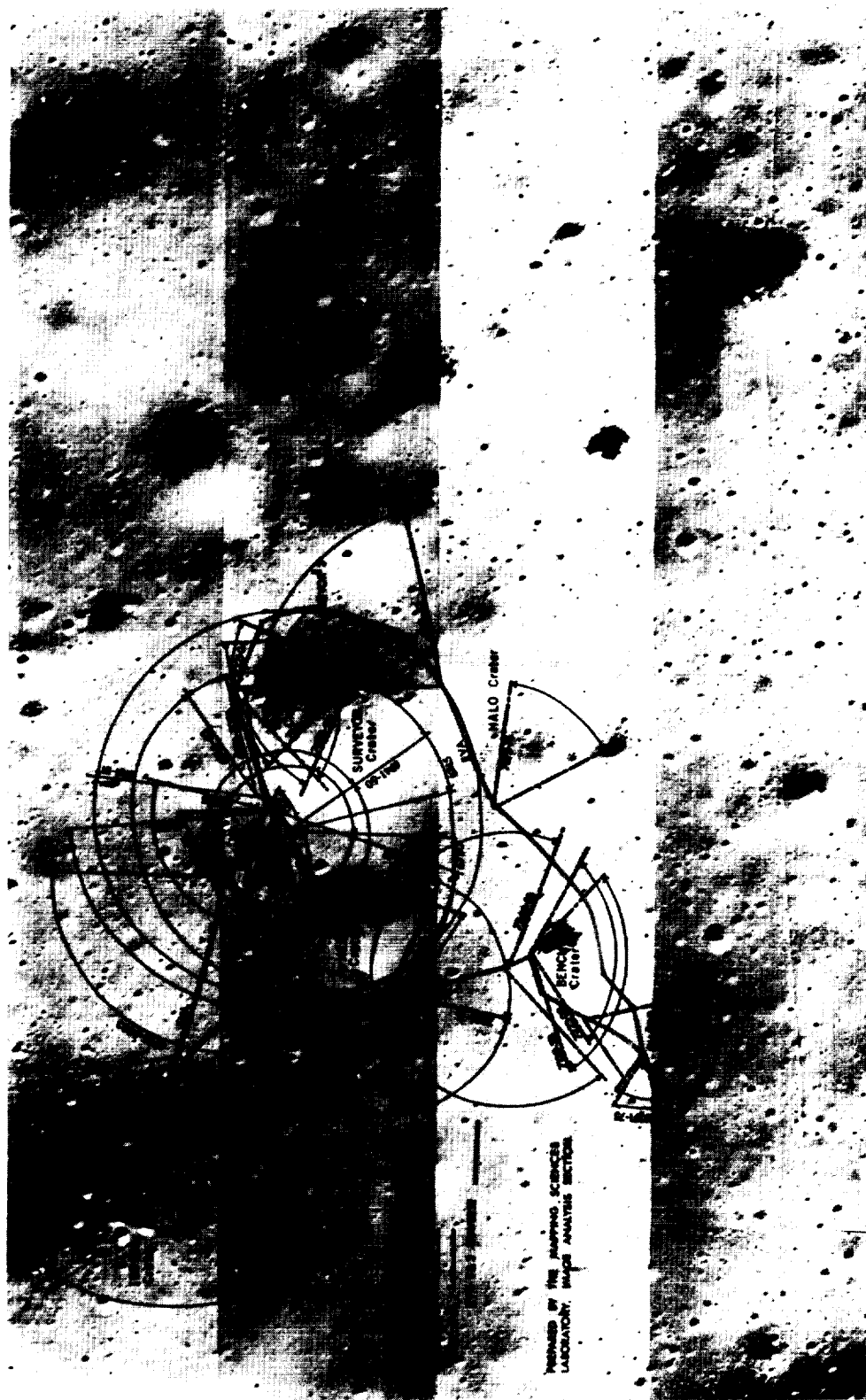
## APOLLO 12 PANORAMAS

The following frames are included in each unrectified panorama mosaic:

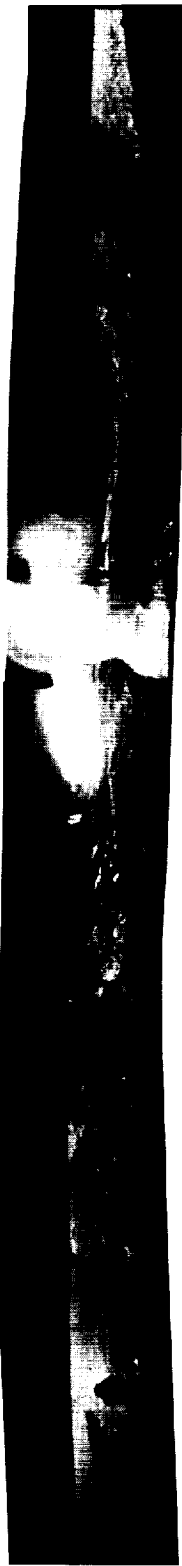
AS12-46-6730 thru 6745  
AS12-46-6764 thru 6782  
AS12-46-6746 thru 6763  
AS12-46-6796 thru 6805  
AS12-46-6853 thru 6855  
AS12-46-6861 thru 6864  
AS12-46-6845 thru 6852  
AS12-46-6836 thru 6844  
AS12-47-6941 thru 6960  
AS12-47-6961 thru 6981  
AS12-47-7012 thru 7015  
AS12-48-7166 thru 7169  
AS12-48-7031 thru 7032  
AS12-48-7056 thru 7058  
AS12-48-7101 thru 7105  
AS12-48-7144 thru 7147  
AS12-48-7263 thru 7269  
AS12-48-7141 thru 7143  
AS12-48-7155 thru 7157  
AS12-49-7209 thru 7212  
AS12-49-7229 thru 7233  
AS12-49-7223 thru 7228  
AS12-49-7244 thru 7256  
AS12-49-7259 thru 7262  
AS12-49-7271 thru 7275  
AS12-49-7293 thru 7304  
AS12-49-7201 thru 7207  
AS12-49-7308 thru 7311



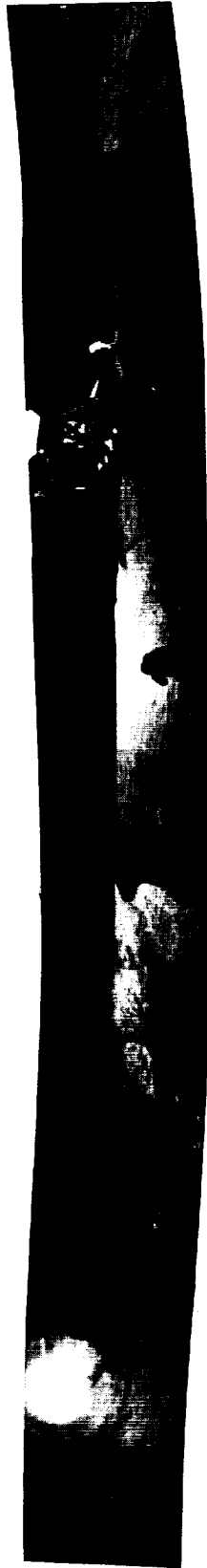




Apollo 12 Panoramas



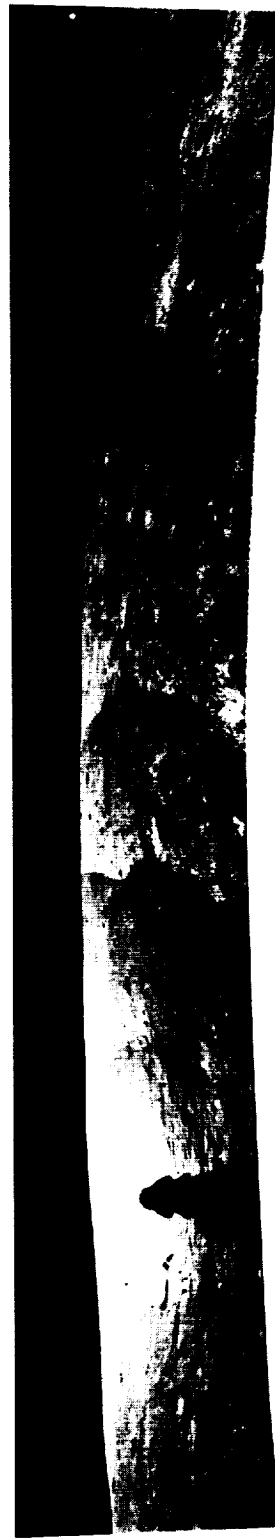
AS12-46-6730 thru 6745



AS12-46-6764 thru 6782



AS12-46-6746 thru 6763



AS12-46-6796 thru 6805



AS12-46-6853 thru 6855



AS12-46-6861 thru 6864



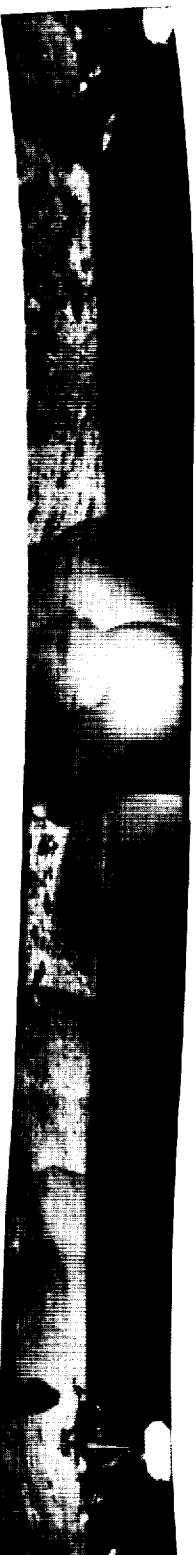
AS12-46-6845 thru 6852



AS12-46-6836 thru 6844



AS12-47-6941 thru 6960



AS12-47-6961 thru 6981



AS12-47-7012 thru 7015



AS12-48-7166 thru 7169



AS12-48-7031 thru 7032



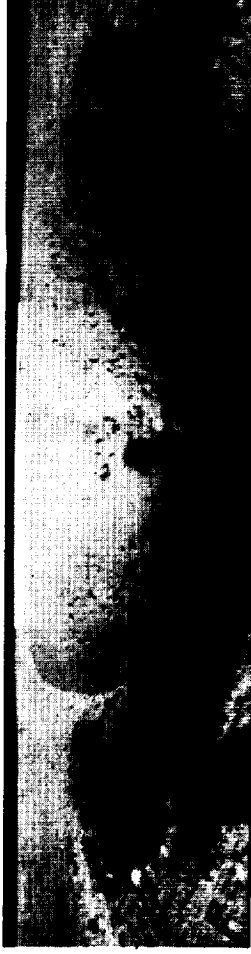
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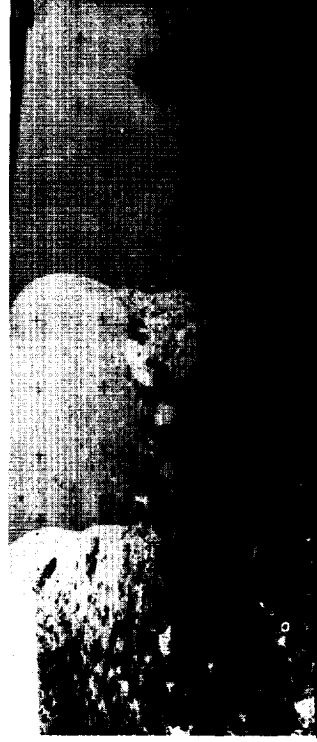
AS12-48-7101 thru 7105



AS12-48-7144 thru 7147



AS12-48-7263 thru 7269



AS12-48-7141 thru 7143

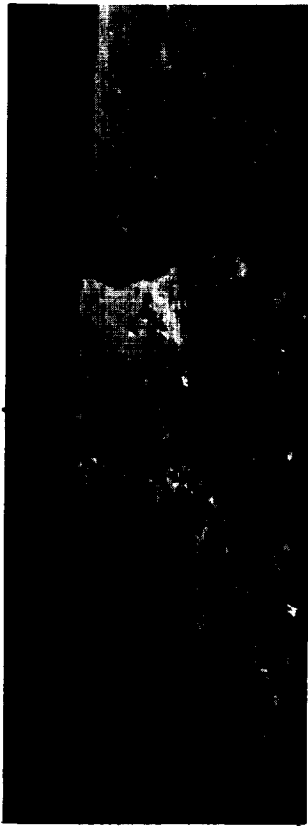


AS12-48-7155 thru 7157





AS12-49-7209 thru 7212



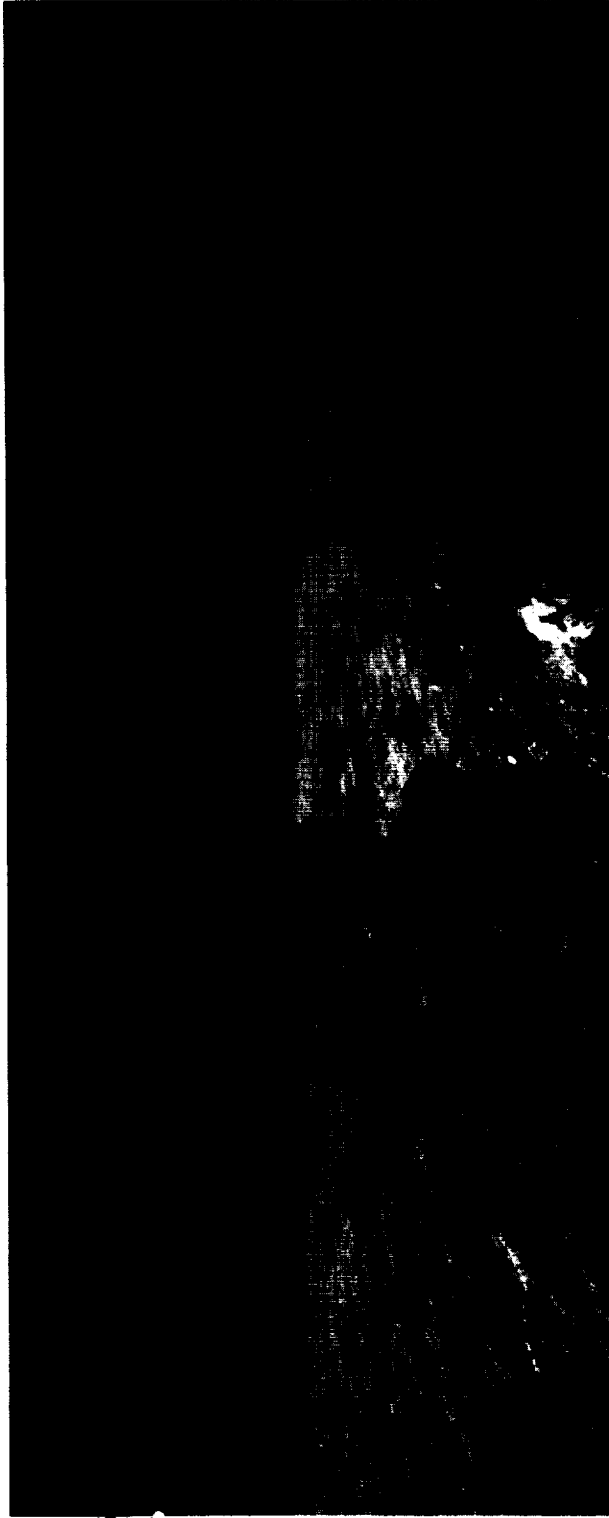
AS12-49-7229 thru 7233



AS12-49-7223 thru 7228



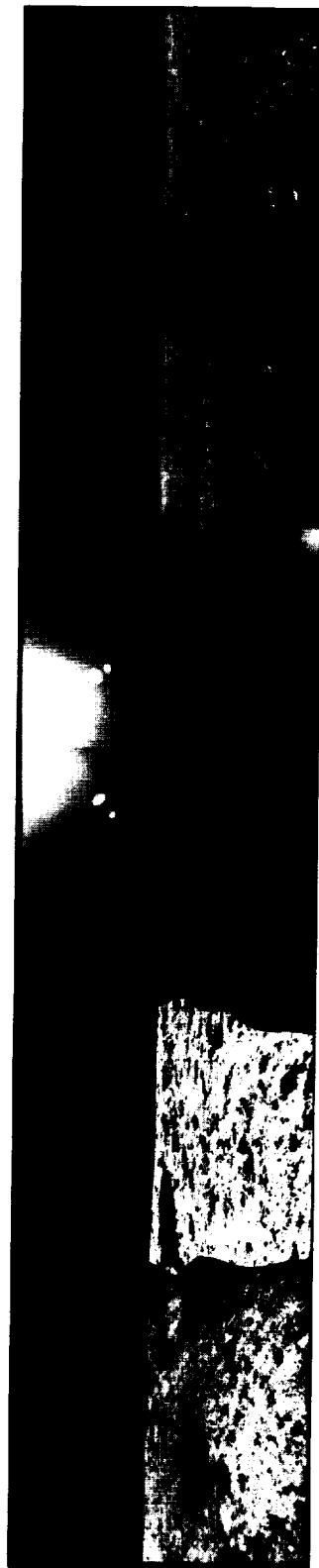
AS12-49-7244 thru 7256



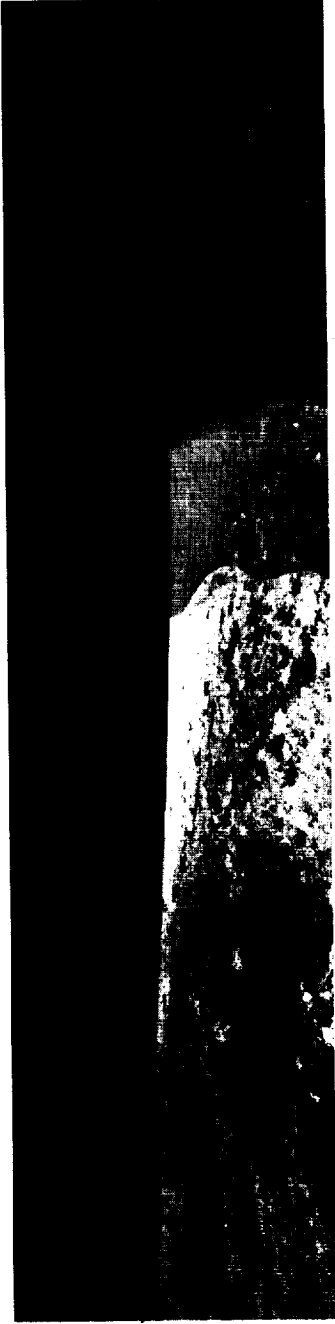
AS12-49-7259 thru 7262



AS12-49-7271 thru 7275



AS12-49-7293 thru 7304



AS12-49-7201 thru 7207



AS12-49-7308 thru 7311